

Hello Year 4,

As always, we hope you and your families are continuing to stay safe and well.

This week's home learning is the same format as last week-it consists of English, maths and PSHE. You will have some daily tasks, which you can work on in any order but remember to work just as neatly and just as hard as you would at school. Answers can be found at the end of the presentation (no cheating though!) so that you can self-mark.

The message we're continuing to send to you all, including your adults, is: do what you can, when you can. It is really important that if you're adults are telling you do some home learning that you have a go as it will keep your mind busy; make sure you don't forget anything you've already worked so hard to learn and it will also make it easier when you come back to school.

If you run out of things to do, you can do things that interest you or that you like to do as well as make time to relax! Please be kind to yourselves and each other. If you're desperate for more structured activities, you could always look back at the previous presentations and do anything you didn't get round to or build on what you did as well as visit websites such as: BBC bite size, where you'll continue to find daily lessons.

We want you all to know that although we don't get to see and teach many of you every day...we are still thinking about you and miss you lots. Stay positive and keep smiling.

Best wishes,

Miss Adams, Miss Williams, Mr Guest & Mrs Layton-Boffey.

P.S. Some of you may remember seeing Mr Pepper in school when you were in year 3-he says hello and has prepared many of the maths activities for you, again. this week-which has been a really big help to us.

Active June!

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1 Do some sit ups : Bronze: 10 sit ups Silver: 20 sit ups Gold: 40 sit ups	2 Do some star jumps : Bronze: 20 times Silver: 30 times Gold: 50 times	3 Practise balancing on right leg: Bronze: 1 minute Silver: 2 minutes Gold: 3 minutes	4 Practise balancing on left leg: Bronze: 1 minute Silver: 2 minutes Gold: 3 minutes	5 Have a jog around: Bronze: 5 minutes Silver: 10 minutes Gold: 15 minutes	6 Create your own throwing and catching game!	7 Teach the people at home your game and see who scores the most points!
8 Do some burpees : Bronze: 10 burpees Silver: 15 burpees Gold: 20+ burpees	9 Try and do some mountain climbers : Bronze: 10 times Silver: 20 times Gold: 30+ times	10 Carefully try and do a plank : Bronze: 30 seconds Silver: 45 seconds Gold: 60+ seconds	11 See how many tuck jumps you can do in a row: Bronze: 10 jumps Silver: 20 jumps Gold: 30 jumps	12 Push ups! Bronze: 10 push ups Silver: 15 push ups Gold: 20+ push ups	13 Use a pack of cards and create a game involving different exercises and the different suits!	14 Compete against someone at home to see who can complete more exercises in a given time.
15 Try and do some crunches : Bronze: 10 crunches Silver: 20 crunches Gold: 30 crunches	16 Do some lunges on both legs: Bronze: 10 each leg Silver: 20 each leg Gold: 30 each leg	17 Do a wall sit – remember, stay still: Bronze: 20 seconds Silver: 30 seconds Gold: 60 seconds	18 Squat – count how many squats you can safely do in a minute: Bronze: 10 squats Silver: 15 squats Gold: 20+ squats	19 High knees – Keep going without stopping Bronze: 30 seconds Silver: 50 seconds Gold: 1+ minute	15 Challenge yourself to learning some new yoga posts – watch a Youtube video to help.	16 Practise those yoga skills your learned and see if you can balance for longer than you did yesterday.
22 Try doing some scissor kicks : Bronze: 30 seconds Silver: 45 seconds Gold: 60+ seconds	23 Do some shuttle runs : Bronze: 15 runs Silver: 30 runs Gold: 50 runs	24 Hop on the spot: Bronze: 10 each leg Silver: 25 each leg Gold: 50 each leg	25 Hopscotch until you need to stop Bronze: 30 seconds Silver: 45 seconds Gold: 2 minutes	26 Try safely to do some jump squats in a minute: Bronze: 10 squats Silver: 15 squats Gold: 20+ squats	27 Go outside and be active with someone from your house. Go for a run or a walk!	28 Use your outdoor time to jump over things, balance along things and move in different ways.
29 Try hurdling over something (or just jumping!): Bronze: 1 minute Silver: 3 minutes Gold: 5 minutes	30 Step jumps – find a step and jump up and down on it safely: Bronze: 10 times Silver: 20 times Gold 40+ times	<p>Let's get active in June!</p> <p>Try each of these activities with the people you're with!</p> <p>Challenge yourself to get as many bronze/silver/golds as you can! Keep track and celebrate your achievements!</p> <p>Remember it is important to stay active and healthy!</p>				

Monday 15th June

Daily activities

Daily Physical Exercise

The links to the right are to a couple of alternative work outs which you may wish to get involved in today. One of them focuses on building your core strength, whereas the other one involves dancing like there is no one watching! They are both approximately 15 minutes long. Make sure you have a drink to hand and that you have enough space to do them safely. If you choose to do them both today make sure you have a rest break in between.



<https://www.youtube.com/watch?v=D80LZz2WkZs>



<https://www.youtube.com/watch?v=RWwsZxq4ziE>

Reading at home

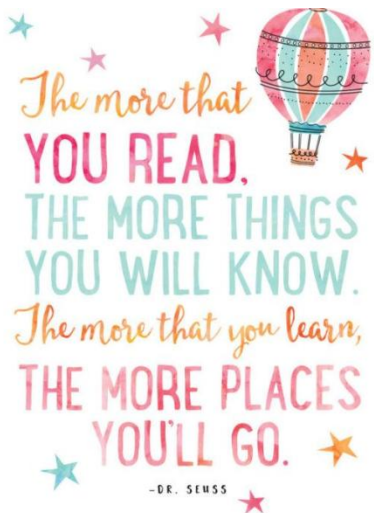
You should still be aiming to read for *at least 20 minutes everyday*.

If you're running out of reading material at home, there are lots of books that you can read or listen to online for free! Two websites we would recommend to do this are: <https://readon.myon.co.uk/> and <https://stories.audible.com/start-listen>

Remember, you can now take Accelerated Reader quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password.

To check that the book you are reading has a quiz, you can check it using on [Accelerated Reader Bookfinder](#). It's okay to read books which haven't got a quiz - just keep a record of what you have read.

Keep reading and exploring new worlds and adventures!



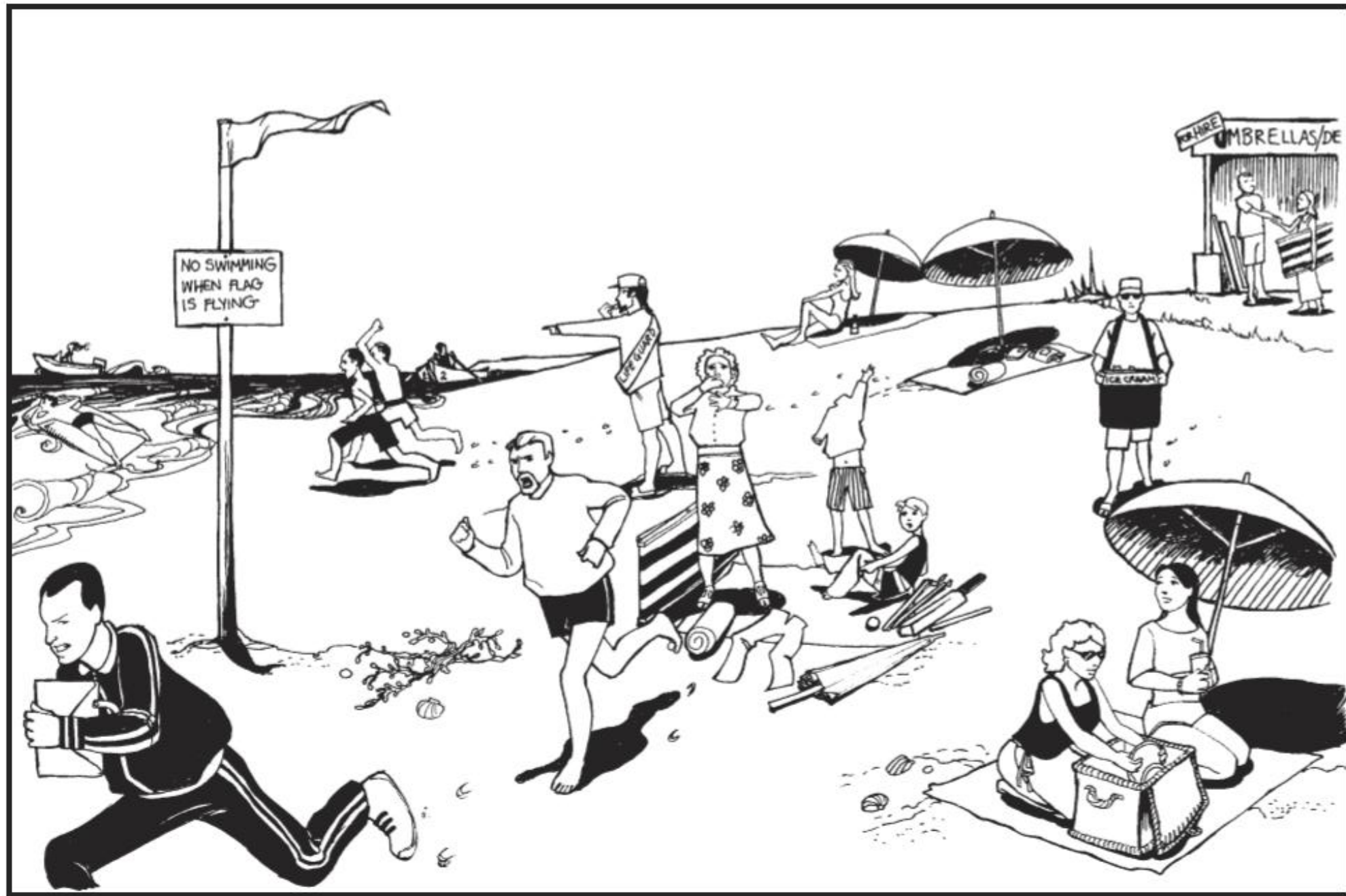
English



W.A.L.T: explain our understanding of what we have read.

- If you're often 1 star, in English, or you have attempted the comprehension: 'Chapter 2: Disappointed by Dust' taken from story History Hackers: Roman rescue' and found it too tricky, try this instead.
- Look carefully at the picture on the following slide (you don't have to print it out-but can and can colour it if you want to) and answer the questions that follow it.
- We don't expect you all to do this. We know some of you will be familiar with them as you've done them in school before and it's mainly those children that have done them before that we'd like to do it.

4. _____ On the beach _____




On the beach-Questions

1. What time of year is it?
Is it winter?
Is it summer?
Is it autumn?
2. How can you tell the wind is blowing?
Is it because there is a heavy shadow?
Is it because the boy is floating on a Lilo?
Is it because the flag is flapping?
3. Why are people sitting under umbrellas?
Is it because it's going to rain?
Is it because people want to hide?
Is it because people don't want to get sunburned?
4. What is the man in the white coat selling?
Is he selling hot dogs?
Is he selling popcorn?
Is he selling ice cream?
5. What are the children going to play?
Are they going to play cricket?
Are they going to play football?
Are they going to play rounders?
6. Why is the man in the black track suit running away?
Is it because he has stolen a football?
Is it because he is playing a game?
Is it because he has stolen a handbag?
7. What can people hire at the kiosk?
Can they hire umbrellas?
Can they hire deckchairs?
Can they hire cars?
8. The people have a wicker hamper with them.
What is inside?
Are there clothes?
Is there food for a picnic?
Is there some ice cream?
9. Why is there a flag flying on the beach?
Is it to warn of danger?
Is it because it's summer?
Is it because it's a holiday?



Reading Vipers

- Vocabulary
- Infer
- Predict
- Explain
- Retrieve
- Sequence or Summarise



W.A.L.T: explain our understanding of what we have read.

W.I.L.F:

- Read chapter 2-Disappointed by Dust (from the story History Hackers: Roman Rescue) on the following slides and answer the questions to show you understand the text. If you'd like to listen to this part of the story being read aloud, follow this link:
<https://www.youtube.com/watch?v=kWuvRcwmsAo&feature=youtu.be>
- Remember you **can** look back at the text and scan it to find your answers-you **do not** need to answer the questions from memory.
- You do not need to print out the text unless you wish to read it using a tracker or highlight it.
- As we're not there to discuss the story, if you are not comfortable with mystery and suspense in stories and find them frightening-we suggest avoiding the story and doing the comprehension based on the picture: On the beach(on slide 8)-this is absolutely fine.

A TWINKL ORIGINAL

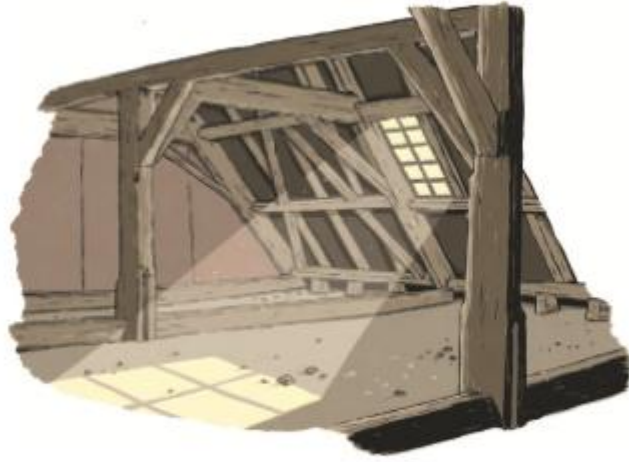
HISTORY HACKERS



ROMAN RESCUE

twinkl

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Chapter 2

Disappointed by Dust

Tilda felt robbed – as if one of the spectres Charlie so feared had crept from behind the bare rafters and made off with all of her hopes.

The original floorboards were almost hidden beneath a toe-deep dusty carpet. Freshly-disturbed streams of dust tumbled like flour from the roughly-sawn ceiling beams and the sloping bare walls. Disappointment prized a sigh from Tilda’s lips as her shoulders drooped. The prospect of discovering the previous occupant’s forgotten possessions and secrets had actually been quite exciting. Now, the thought of returning to her parents empty-handed seemed to land a large stone in the bottom of

her stomach.

“Any sign of ghosts?” Charlie called from the stairway behind her.

“Not unless they’re hiding beneath all this dirt.”

“Eh?” Charlie poked his head around the door. “Ah-chooo!” His sneeze sent a mini ash cloud rolling across the walls. “It’s empty!” he said.

He hustled past her, striding out into the middle of the room. Thick shafts of bright yellow sunshine flooded through large skylights.

“How can this room be empty?” Unlike Tilda, Charlie had hoped to find piles of junk and bric-a-brac that he could sell online. “The rest of the house was filled with clutter. This doesn’t make sense.”

Tilda shrugged as she moved to explore an empty space in the farthest corner of the attic. There were no signs that the room had ever been used. “Maybe the stairs were too steep for Professor Howe.”

“Are you kidding? Mum said Professor Howe was only in his early forties,” Charlie reminded her, “and he was

a treasure hunter, remember? I doubt he'd let a single set of stairs stand in his way."

"Well, maybe he just didn't like heights."

Charlie continued to explore the room, slapping ceiling beams, stamping on floorboards and tapping the walls.

"What are you doing?"

"Shhh!" Charlie pressed an ear to the wall, drumming against the painted plaster. "I'm checking for hidden panels."

Groaning at the ten-year-old's stupidity, Tilda clasped her hands to her hips. "Charlie, why would anybo—"

"Hah! Found something!"

Her brother seemed to be locked in a corner of the room, hunched like a beggar. His head was so still that it might have been glued to the wall itself. Only the index finger of his left hand moved, tapping gently.

"There's definitely something here."

"Yeah, it's called the wall!"

"No, no! Really!" With his other hand, Charlie beckoned his sister towards him. "There's something behind this plasterboard."

Slowed by doubt, Tilda moved to join her finger-tapping brother.

"It sounds hollow," Charlie told her, shuffling to his left to make room. "Listen for yourself."

Tilda gave Charlie a weary glance as she pushed her ear against the thinly-painted plaster.

"Listen!"

Charlie tapped a section of wall high above her head. It sounded flat and solid.

When Charlie tapped again, this time slightly lower, Tilda heard an identical sound.

"It's just a normal wall, Charlie."

"Keep listening."

When Charlie tapped just centimetres from his sister's head, the difference was immediate. Tilda jerked away

from the wall, as if she had just been electrocuted.

“You heard it, right?” asked Charlie. “It sounds hollow.”

Tilda nodded. Her brother was correct. That didn’t happen often!

“Maybe there’s something hidden behind it.” Charlie suggested. “We need to find out.”

“But it’s a solid wall,” Tilda reminded him. “We can’t just break through it.”

They both took a time-out, scratching their heads. Each studied the seemingly ordinary wall in front of them. Tilda scanned its length and breadth, searching for any flaws or joins that might indicate a doorway.

Taking a more hands-on approach, Charlie dropped to his knees and began tapping the floorboards nearest the wall.

When he looked back towards his sister, his excited smile told Tilda that the hunt for treasure was back on.

“We were looking in the wrong place. See!”

Charlie’s small fingers hooked themselves around an almost invisible groove in the wood, prizing a one-metre-square section of floorboards up off the ground.

Tilda gasped, peering down into a thin shaft containing a narrow ladder. “A trapdoor!”

Oddly, the rungs of the wooden ladder were angled from the floor towards the wall. Anyone climbing down them would have to duck to avoid striking the top half of their body against hard plaster.

Charlie thrust his head and shoulders into the space, twisting so he could peer beneath and behind the wall.

“There’s a small room behind the wall,” his voice sounded muffled and distant. “And this one’s not empty!”

Questions

R/E	How did Charlie check for hidden panels in the wall? (Pages 11 and 12-slide 13).
R/I/V	What phrase tells us that Tilda thought Charlie was being silly when he started tapping the walls? (Pages 11 and 12-slide 13).
R	Where in the room did Charlie find something? (Pages 11 and 12-slide 13).
R/I/V	Which phrases tell us that Tilda didn't believe Charlie had found something? (Pages 11 and 12-slide 13).
I	Why did Charlie sneeze when he poked his head around the door of the attic? (page 10-slide 12)
E/I	Why were Charlie and Tilda so surprised that the attic was empty? (page 10-slide 12).
E	Explain in as much detail as you can how Charlie discovered the hidden trapdoor? (Page 13-slide 14).
I/E	Are Tilda and Charlie excited to have found a hidden room. Use evidence from chapter 2 to explain your answer as fully as possible.
V	On page 9, it says, '...one of the spectres Charlie so feared...'-What is a spectre?
P	Predict what you think is in the small room behind the wall.

Maths

Remember last week we launched a new competition: Battle of the Bands between 4EW and 4GA. You can play in any game type and the band (4EW OR 4GA) with the most collective correct answers when the battle finishes on the 17.06.2020 is the winner! We each want our classes to win! The race is on! Let's also see how high we can get those scores between now and the 17th June! There are only 2 days left of this battle-go, go, go!



4EW in the lead as it stands! Yippee 4EW! Don't let 4GA catch us! Well done to all those children who've contributed to both bands' scores! Tell your friends to get involved too-we each want to win! There's not a great deal in it-come on 4GA you can do this!

We understand that you may not be able to get involved online and are practising your tables in other ways e.g. completing paper booklets, chanting them, saying them as you go up the stairs etc. -that is absolutely fine too!

But if you are able to get involved, we'd love as many of you to do so as possible.

Battles	
Home	Away
4EW	4GA
7,659	4,957

1. An individual leader board (Top 10 children's initials only) will be published as part of these home learning presentations EVERY Monday. If you want to get your name on the leader board-you'll need to be speedy and play in Studio (as Studio is where I'll get this information from!)

2. A class competition between 4GA and 4EW will take place throughout the week and EVERY Friday, Miss Williams will work out which class has the most children in the top 10 of the leader board. This will be based on how many coins you've earned in Garage mode. As you know (because we've done this in school) it is not the children who are the quickest at recalling their tables-it's who's earned lots of coins!

We each want our classes to win! The race is on!



Year 4 competitions-last week's results on the following slide.

We understand that you may not be able to get involved online and are practising your tables in other ways e.g. completing paper booklets, chanting them, saying them as you go up the stairs etc. -that is absolutely fine too!

But if you are able to get involved, we'd love as many of you to do so as possible.

It's fantastic to see so many of you played in Studio last week!

The fastest 10 children are listed below-it's tight at the top!

If you want to see your name appear on the leader board-keep practising in Studio-the more you practise, the quicker you'll get!

Massive well done to all the children in this week's top 10-don't stop practising-your friends are chasing your spot!

<u>Current position</u>	<u>Initials</u>	<u>Class</u>
1	MW	4GA
2	LB	4EW
3	SB	4GA
4	OB	4EW
5	AA	4GA
6	SE	4EW
7	VK	4GA
8	NS	4EW
9	SR	4GA
10	MS	4EW



10-4-10

Complete in the same way as we do in school. Aim to complete as many questions as you can in 10 minutes. Miss them out if you're spending too long thinking about how to tackle them. You don't need to write the question. Only show your workings if you need to. You should use the squares in your Maths homework book as this will help you set out any written methods.

1. 1000 less than 3,456.

2. 100 more than 981.

3. $12 \times \underline{\quad} = 72$

4. $\underline{\quad} \times 11 = 88$

5. $35 \times 9 =$

6. $342 \times 7 =$

7. $13 \times 10 =$

8. $9.3 \times \underline{\quad} = 9,300$

9. What is the ninth month of the year?

10. $4,568 + \underline{\hspace{2cm}} = 8,000$

Extension

11. $\text{£ } 13.52 - 954\text{p} =$

12. $8 \times 9 = 100 - \underline{\quad}$

13. How many seconds in 4 minutes 15 seconds?

14. Write 5:45pm in 24 hour clock.

15. I have 4 £2 coins, 3 50p coins and 5 20p coins, how much more do I need to make £15?

16. $6.3 - 2.87 =$

17. Write $\frac{1}{4}$ as a decimal number.

18. How many days in January?

19. $56.01 + 12.9 =$

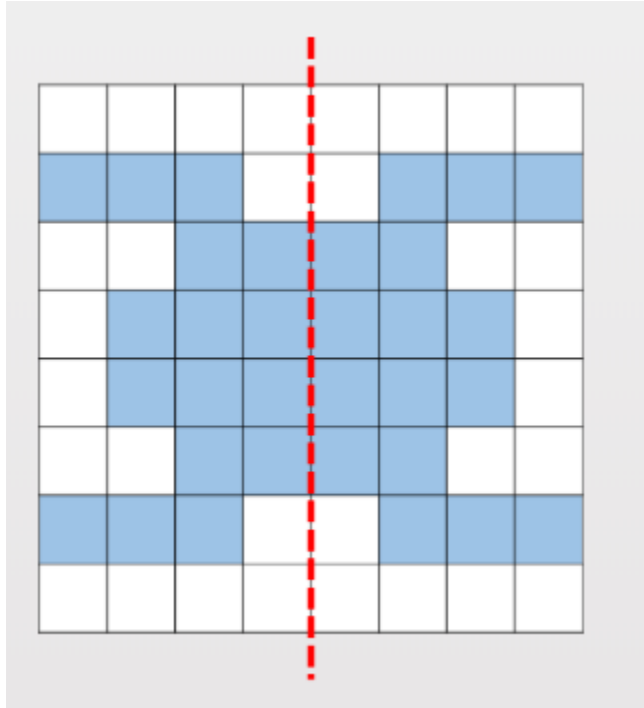
20. $0.43 + 4 \text{ tenths} =$

New learning-you've not been taught this in year 4 before.

W.A.L.T: find and identify lines of symmetry in 2D shapes.

- Read the slides that follow this one. There will be things for you to think about on each slide.
- Once you have read the slides, you will then find a couple of worksheets for you to have a go at. They are starred. Start with the sheets that have the star you often start on, in maths, and then you can always continue on if you feel confident but **do not** pressure yourself to. You may wish to print out the worksheet that you have a go at or alternatively you could jot down the answers on paper that you have.
- As you're used to by now, the answers are at the end of today's presentation-no cheating though!

An example of a simple reflection question: (1)

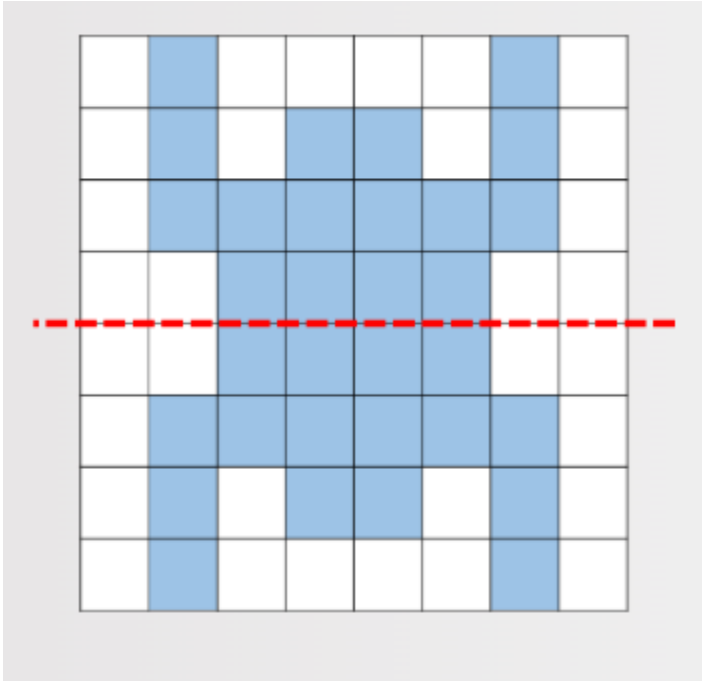


The red line here is the “mirror line.” You have to imagine that we’re looking directly from above at the squared paper, and standing upright on the paper, is a mirror, touching the paper where the red line is.

If the left side was the original, then the right would be the reflection, and alternatively, if the right were the original, then the left would be the reflection.

If in a question you were given all of the pattern of or a picture, the you might be asked to draw the mirror line in the correct place.

An example of a simple reflection question: (2)



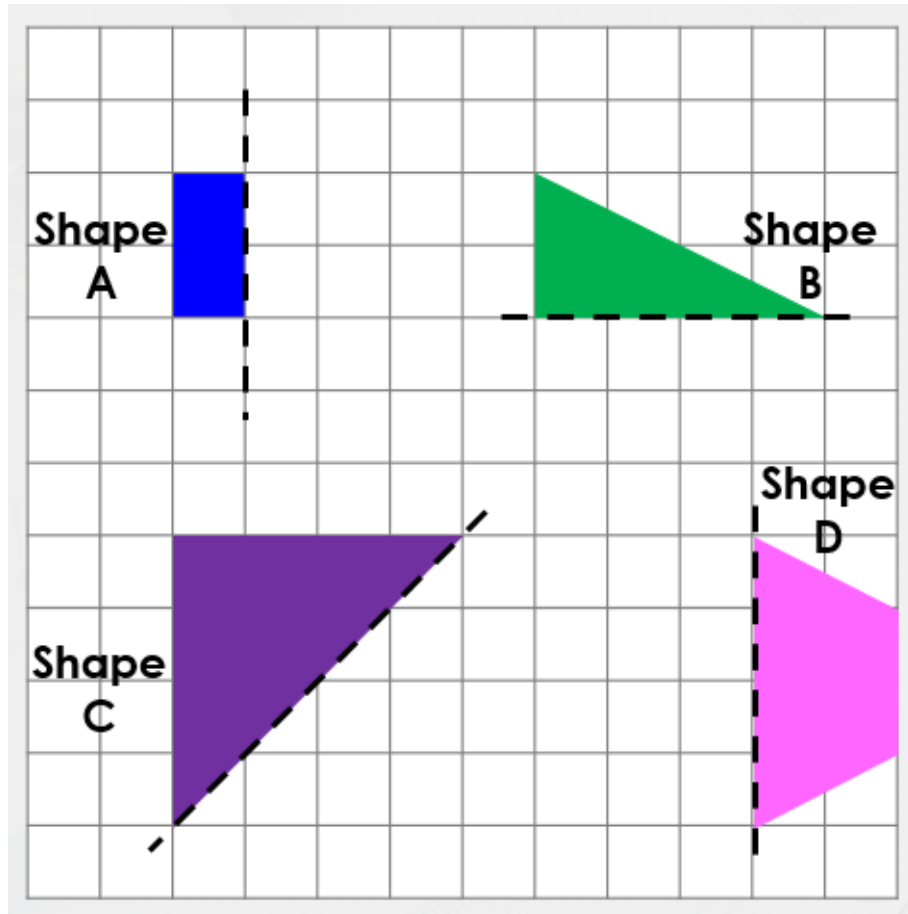
Nothing particularly special has happened here, other than the image has been rotated.

What you've seen now then, is a vertical mirror line, and a horizontal mirror line.

What you may have already noticed, is that this shape/pattern can have two lines of symmetry. A horizontal line of symmetry and a vertical line of symmetry, without rotating (turning the shape.)

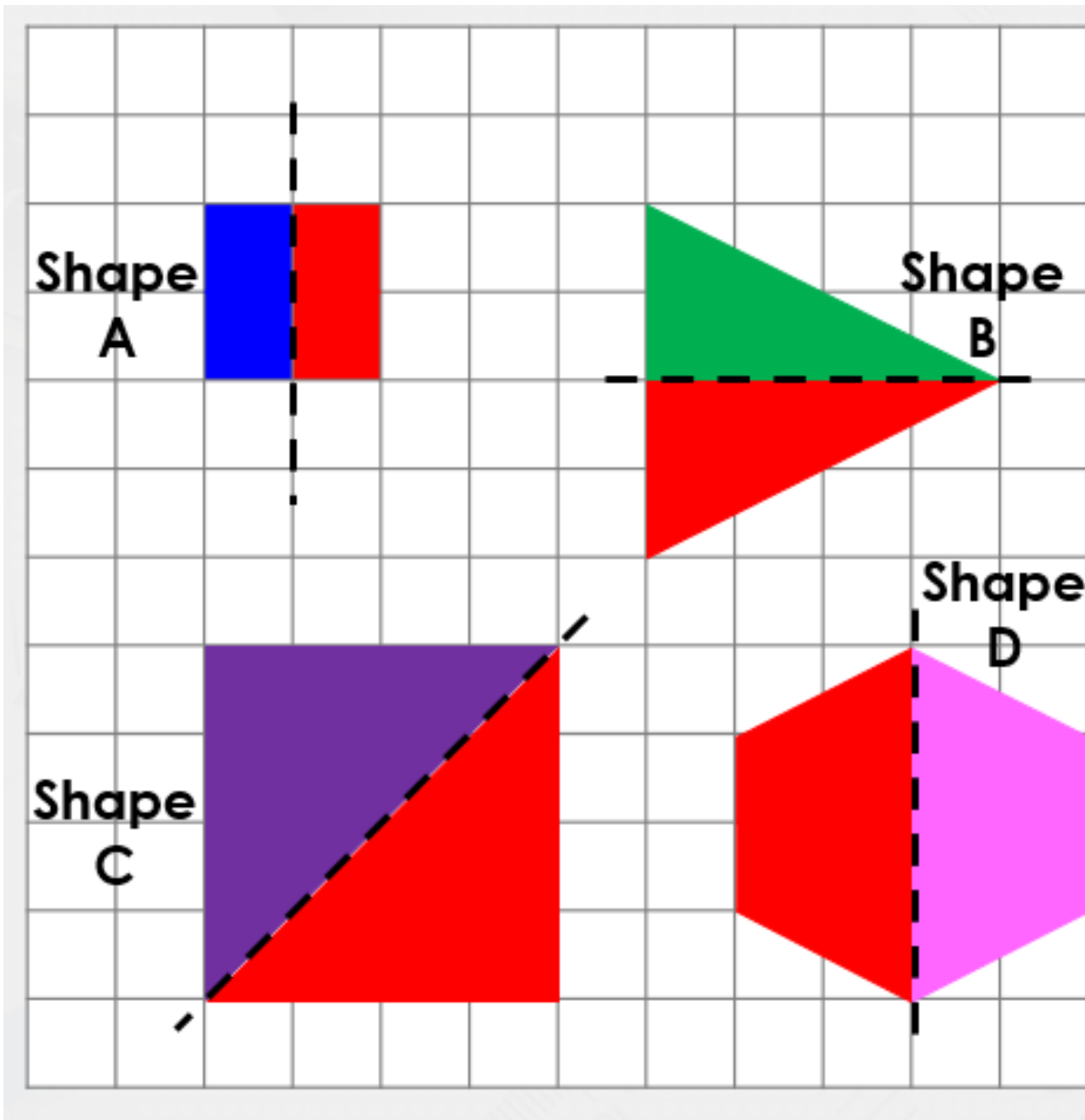
Look out for patterns or shapes that have no lines of symmetry at all, only one line of symmetry, or more than one line of symmetry.

Can you reflect these shapes and name the resulting shape?



In each of these examples, the original shapes are touching the mirror line. You'll also hopefully have notice shape C has an "oblique" mirror line.

("Oblique" is the posh name for a kind of "diagonal" line.)



Shape
A

Shape
B

Shape
C

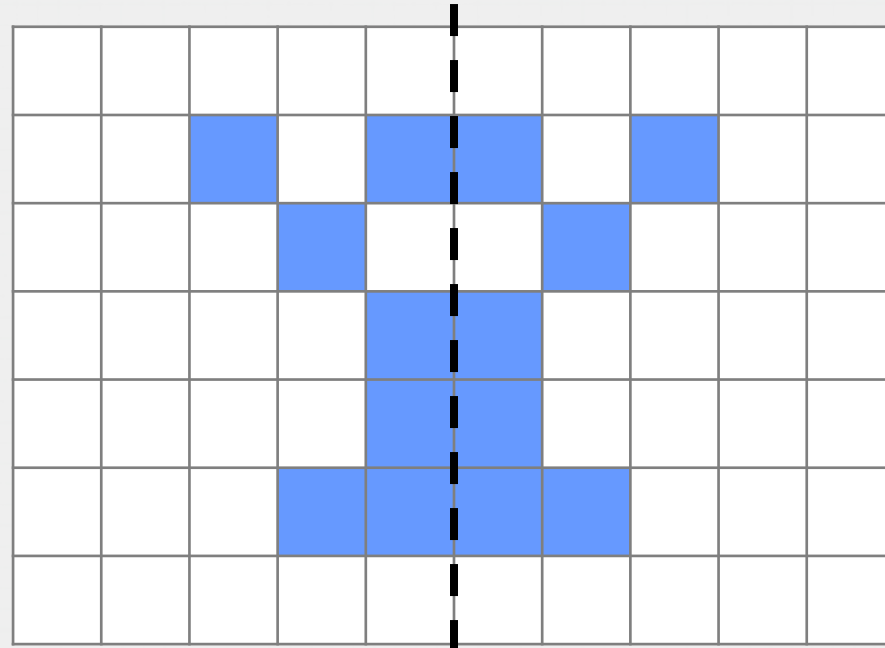
Shape
D

Shape A = square
Shape B = triangle
Shape C = square
Shape D = hexagon

Varied Fluency 1

True or false?

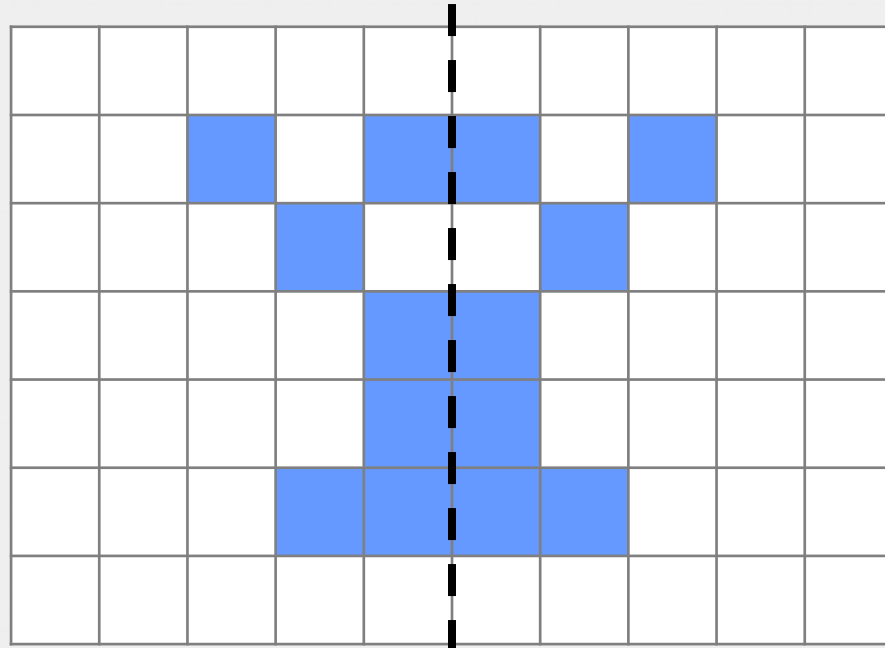
This pattern has been reflected correctly in the mirror line.



Varied Fluency 1

True or false?

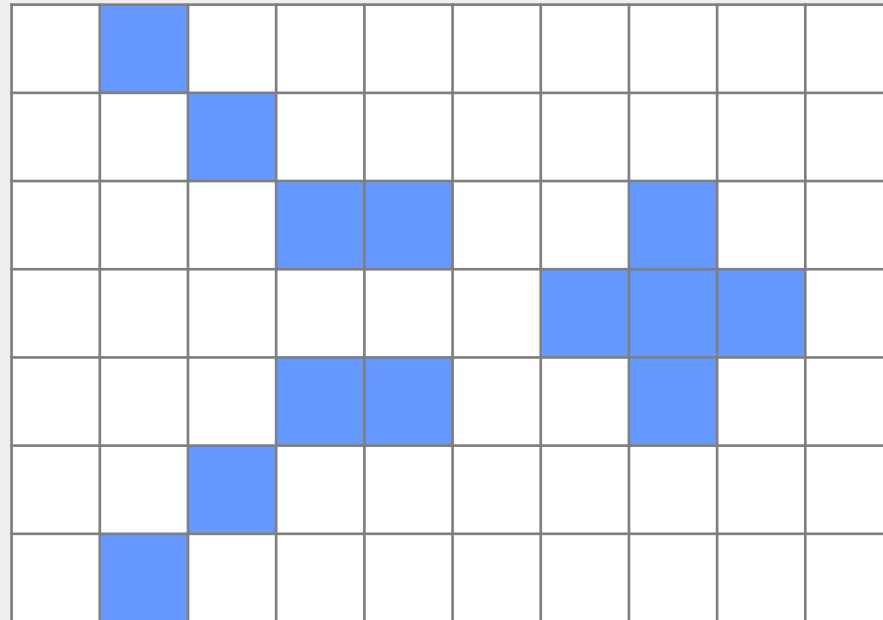
This pattern has been reflected correctly in the mirror line.



True

Varied Fluency 2

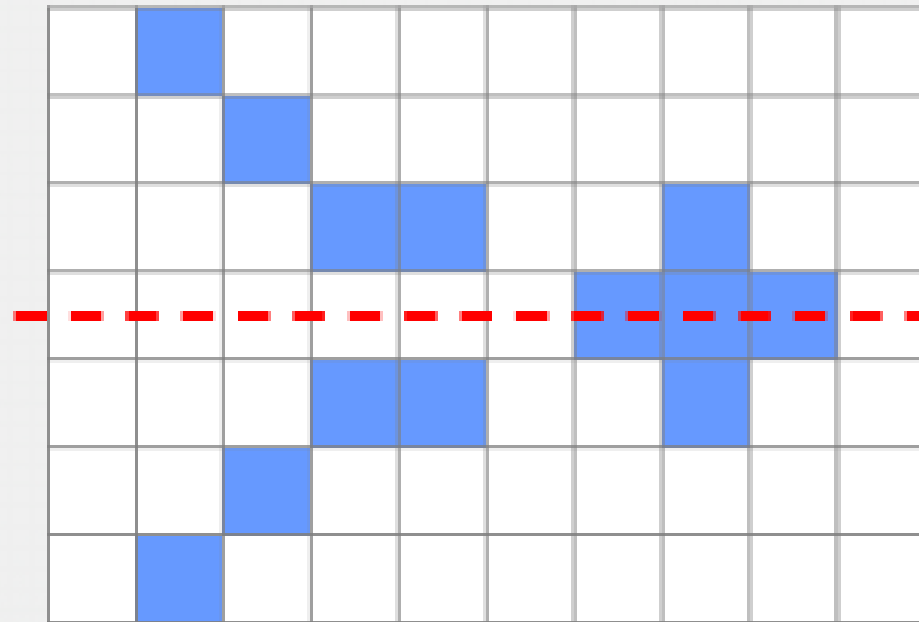
Draw the line of symmetry.



Where would the line of symmetry go in this picture? (Hint... It's different again slightly from the others that you've already seen.)

Varied Fluency 2

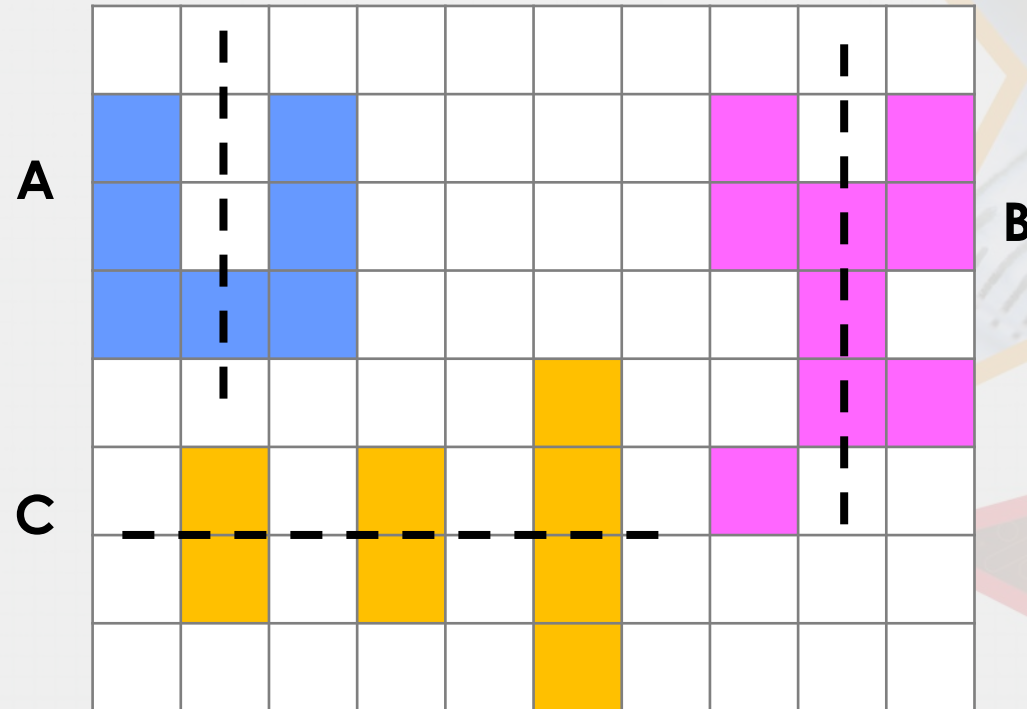
Draw the line of symmetry.



Some of the shaded squares are touching the mirror line, some are not touching the mirror line. The distance between the squares that are not touching the mirror line each side of the mirror have to be the same for the original and reflection to be "true."

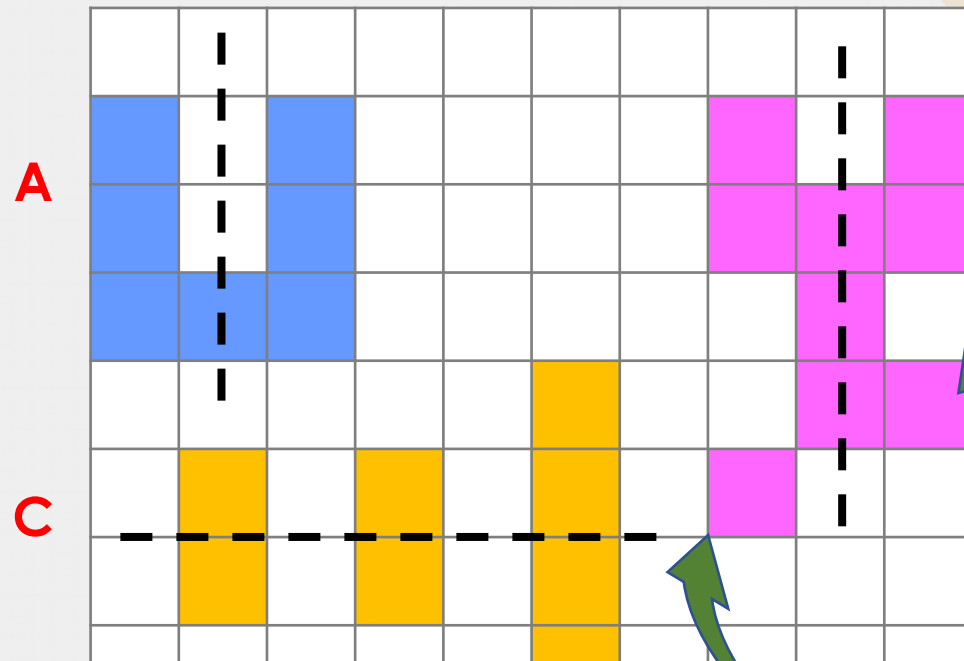
Varied Fluency 3

Identify the patterns with the correct lines of symmetry.



Varied Fluency 3

Identify the patterns with the correct lines of symmetry.



A

B

C

A and C

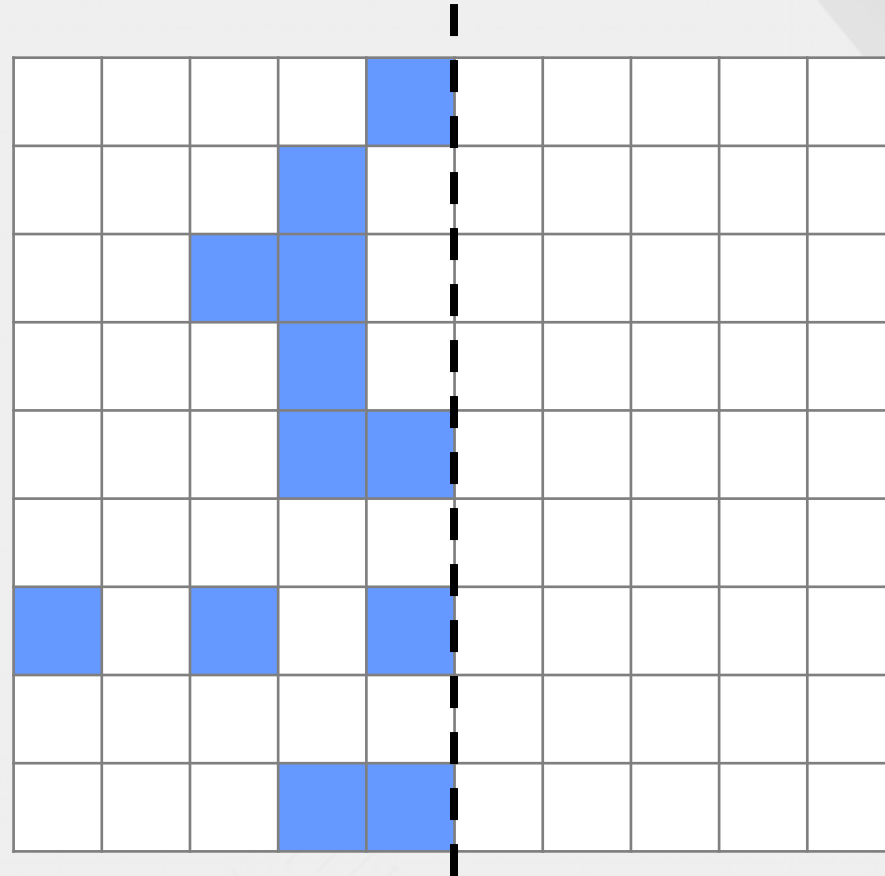
Not "B" as these two squares do not have a reflection.



Sheet 1

If you can print, you may like to print and shade these in. If not, then you'll have to make a mental map or shade the answers the best you can on paper.

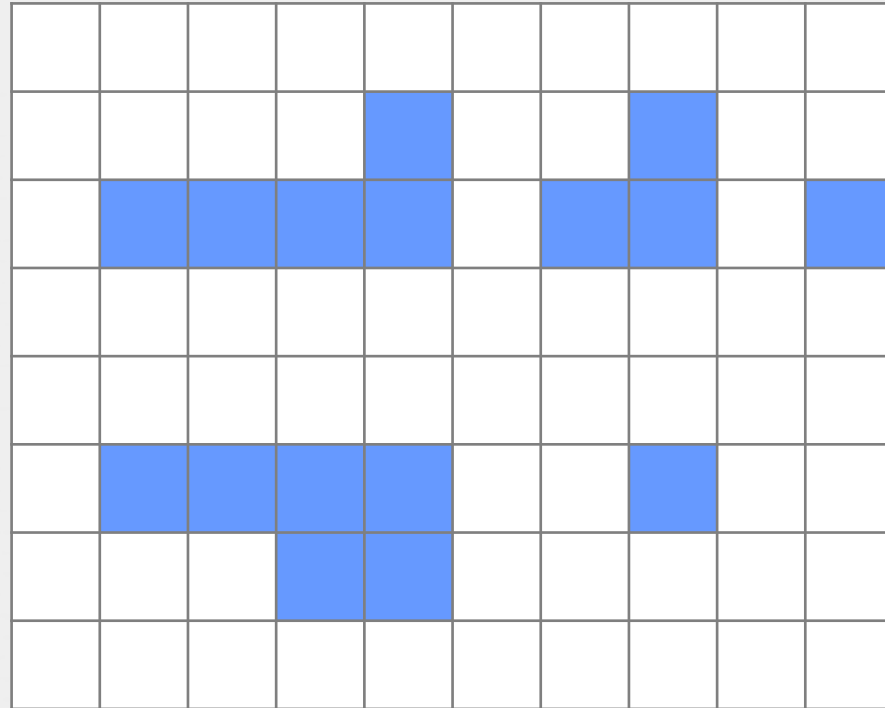
Reflect the pattern in the mirror line.





Sheet 2

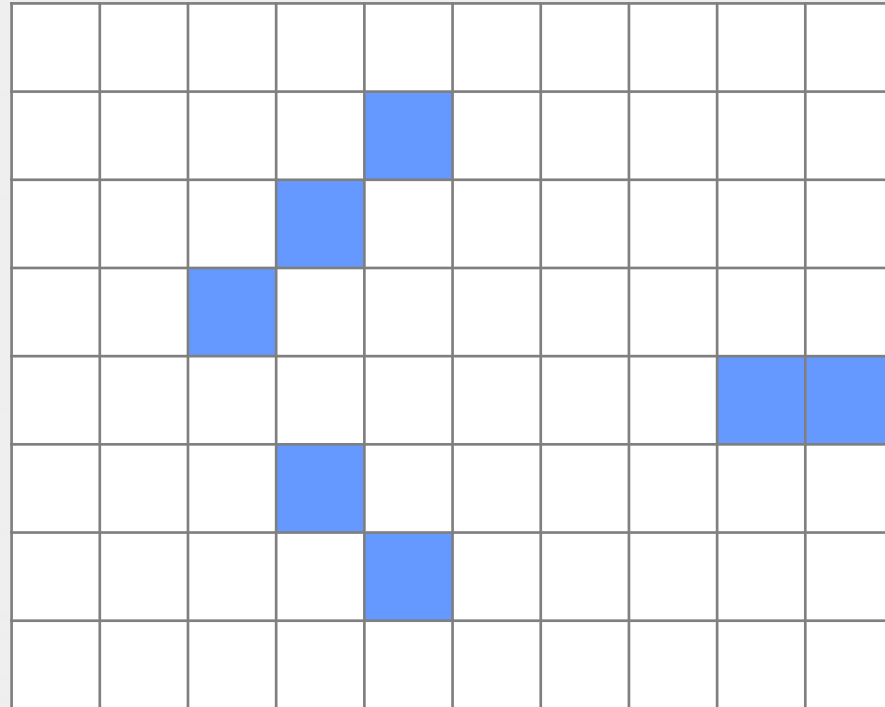
Add 4 squares to the pattern below so that it has a horizontal line of symmetry.





Sheet 3

What is the smallest number of squares that need to be filled so that this pattern has a vertical line of symmetry?

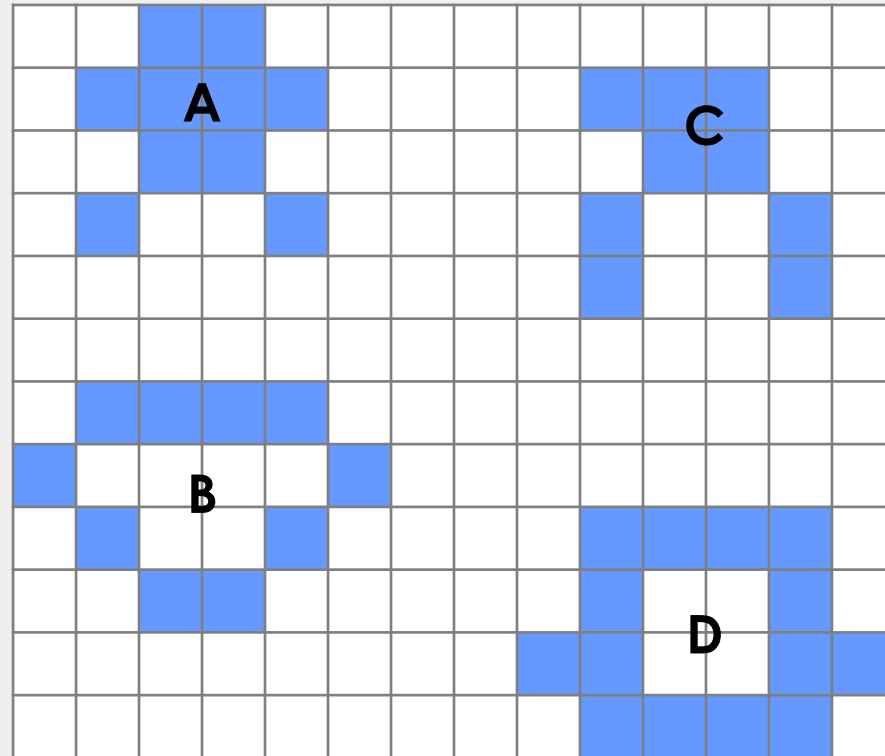


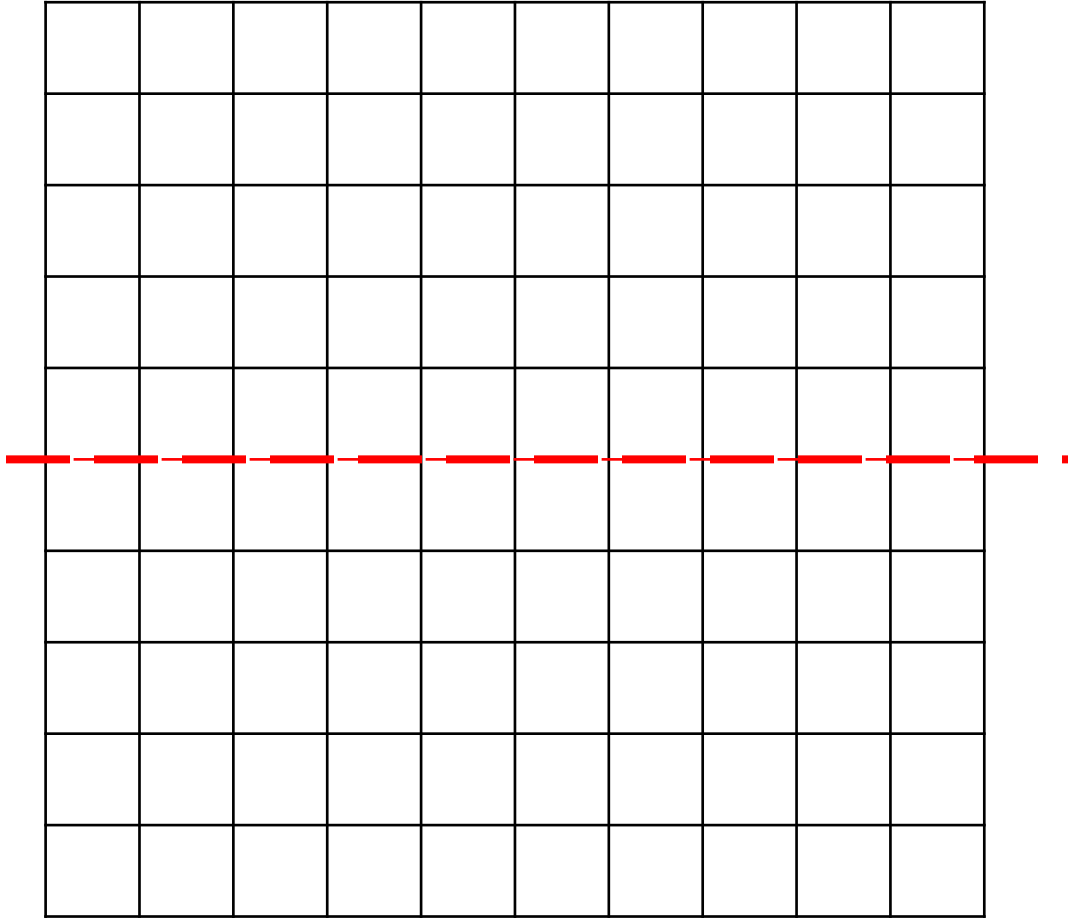
Read carefully. The answer would be different if the question said, "horizontal."



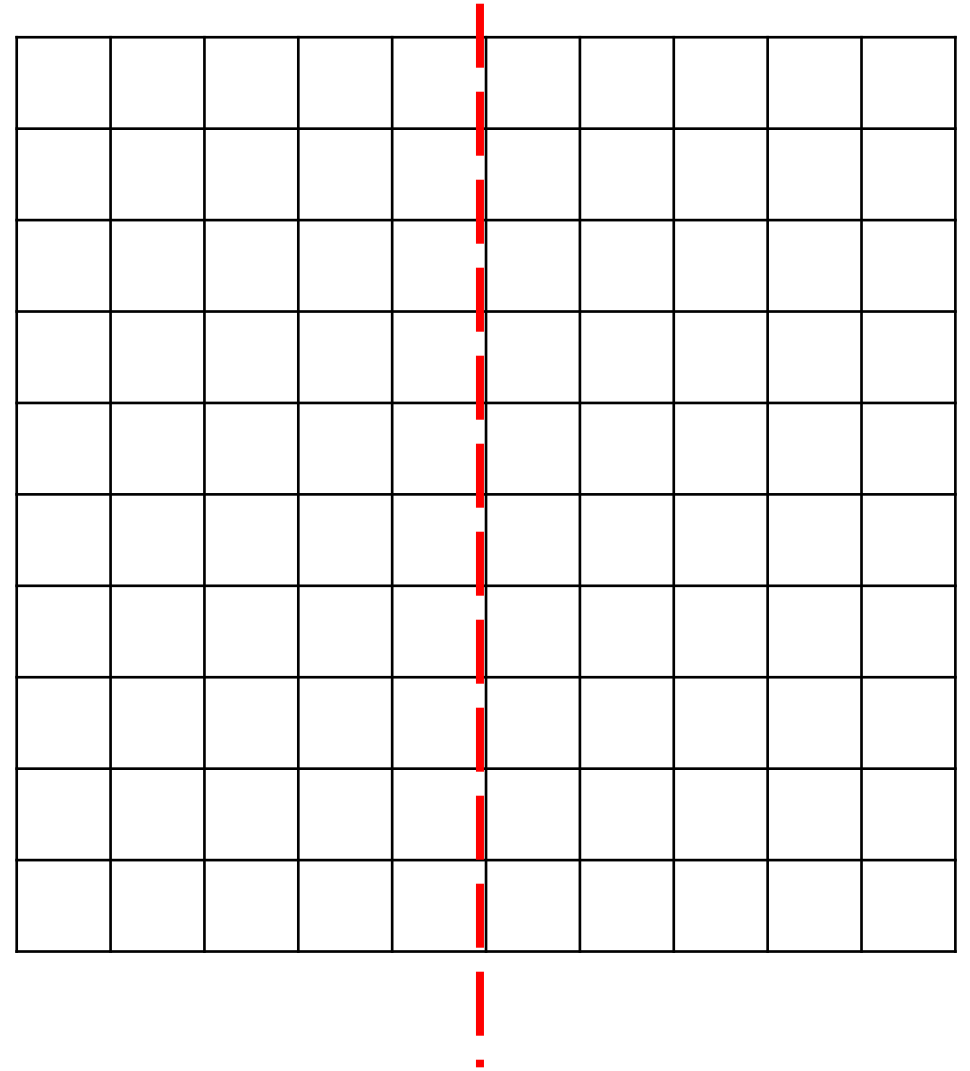
Sheet 4

Spot the odd one out. Explain your choice.





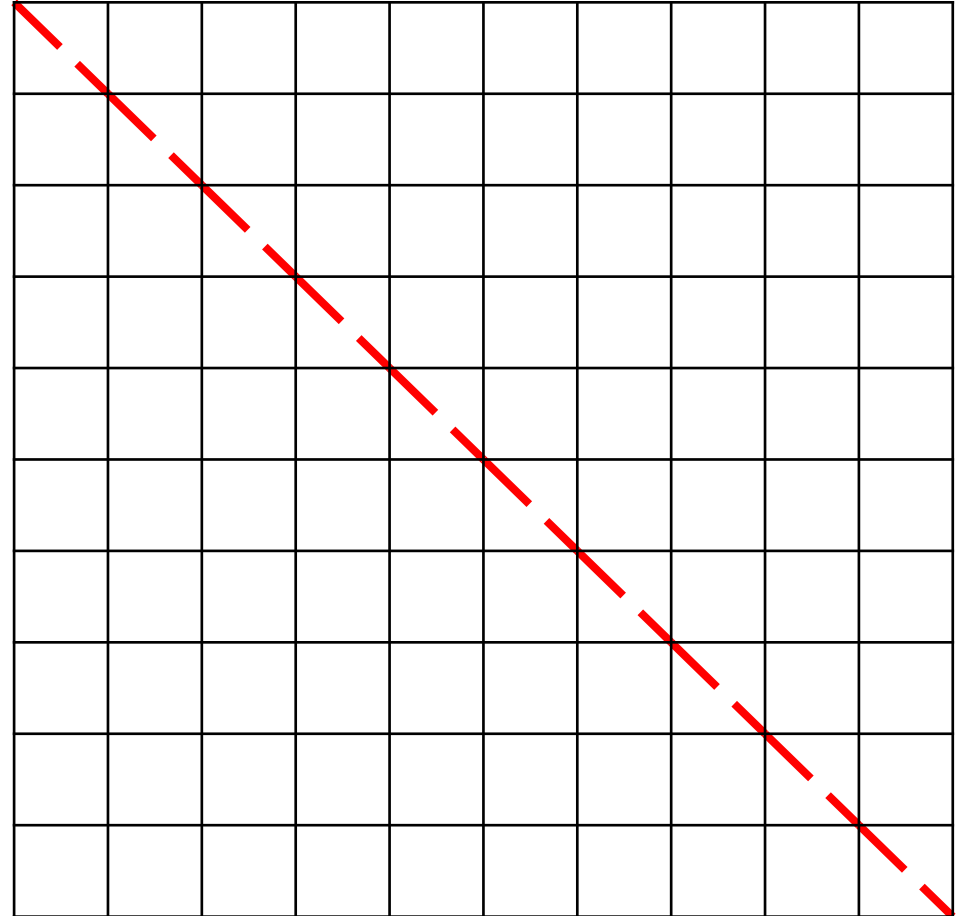
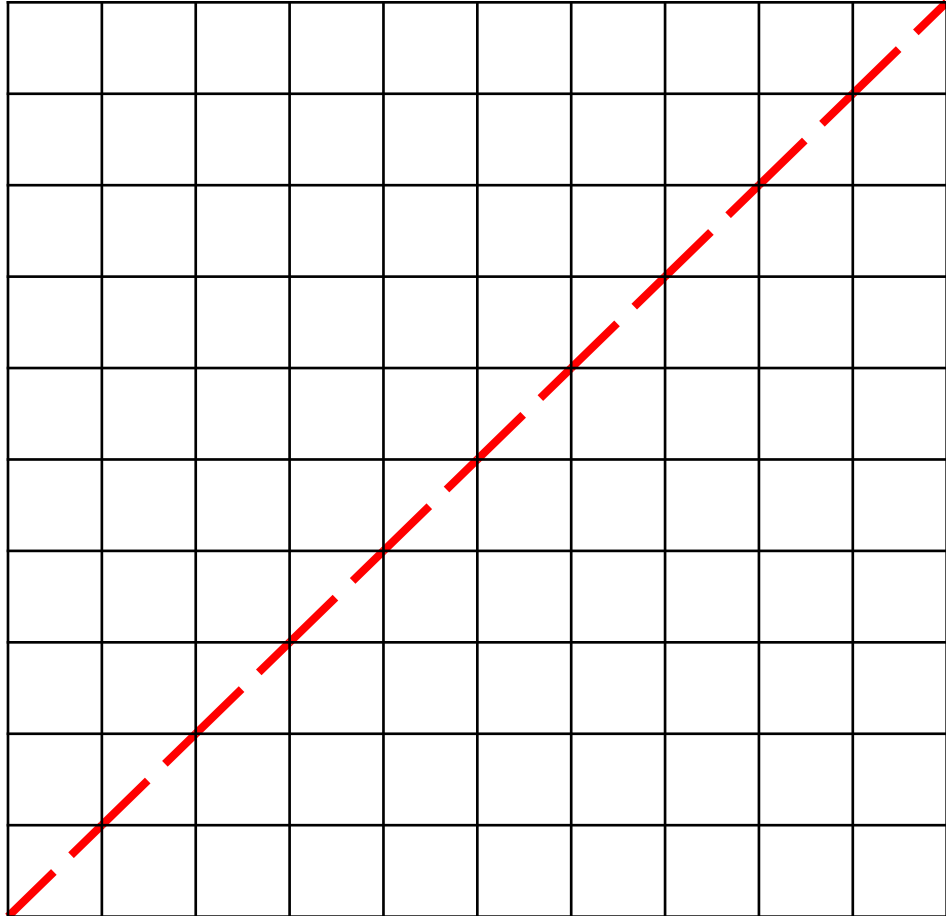
Using the squares, create a pattern that is reflected in this **horizontal** mirror line.



Using the squares, create a pattern that is reflected in this **vertical** mirror line.



Draw reflected patterns on these grids, using these “oblique” lines of symmetry.



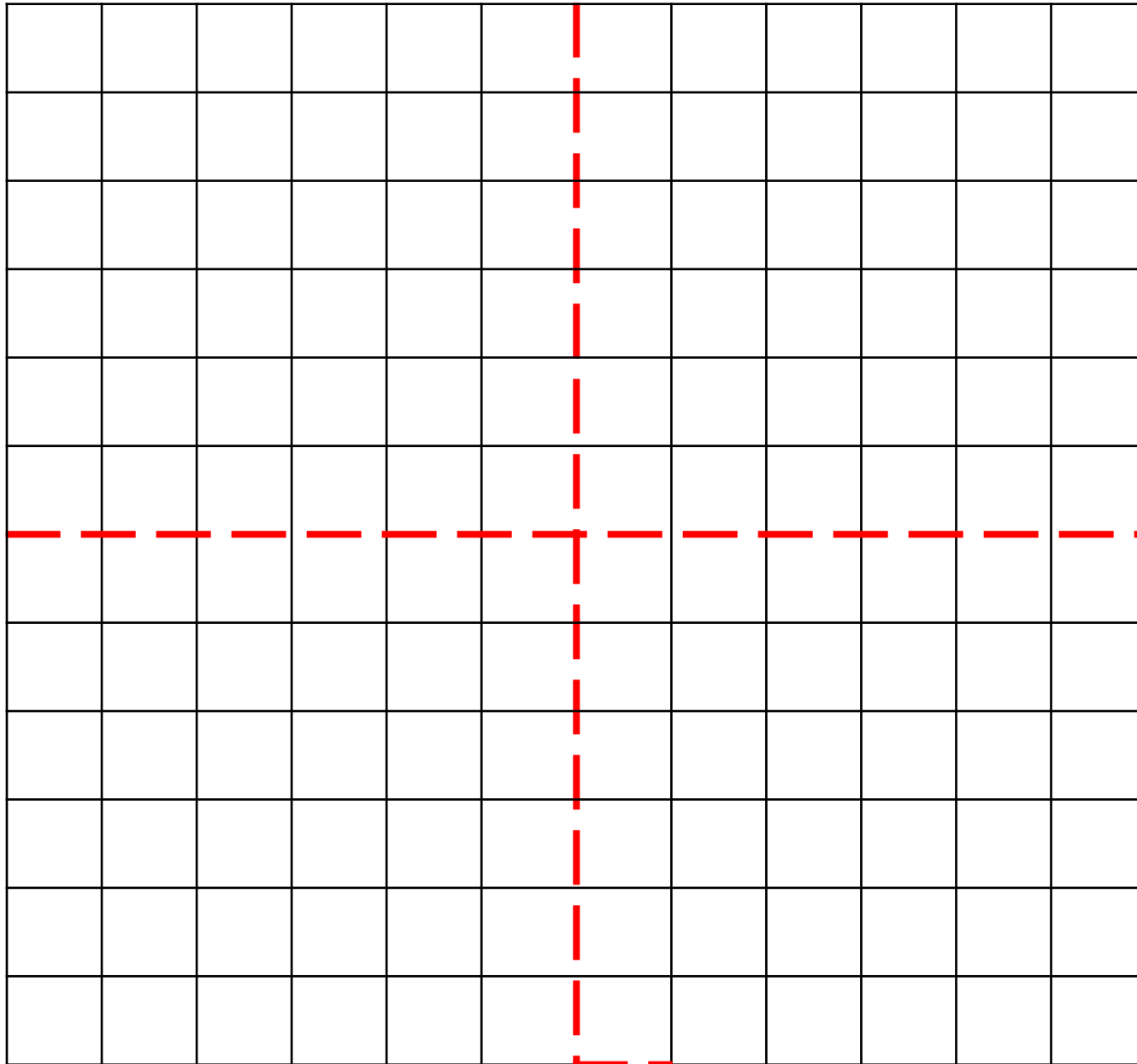


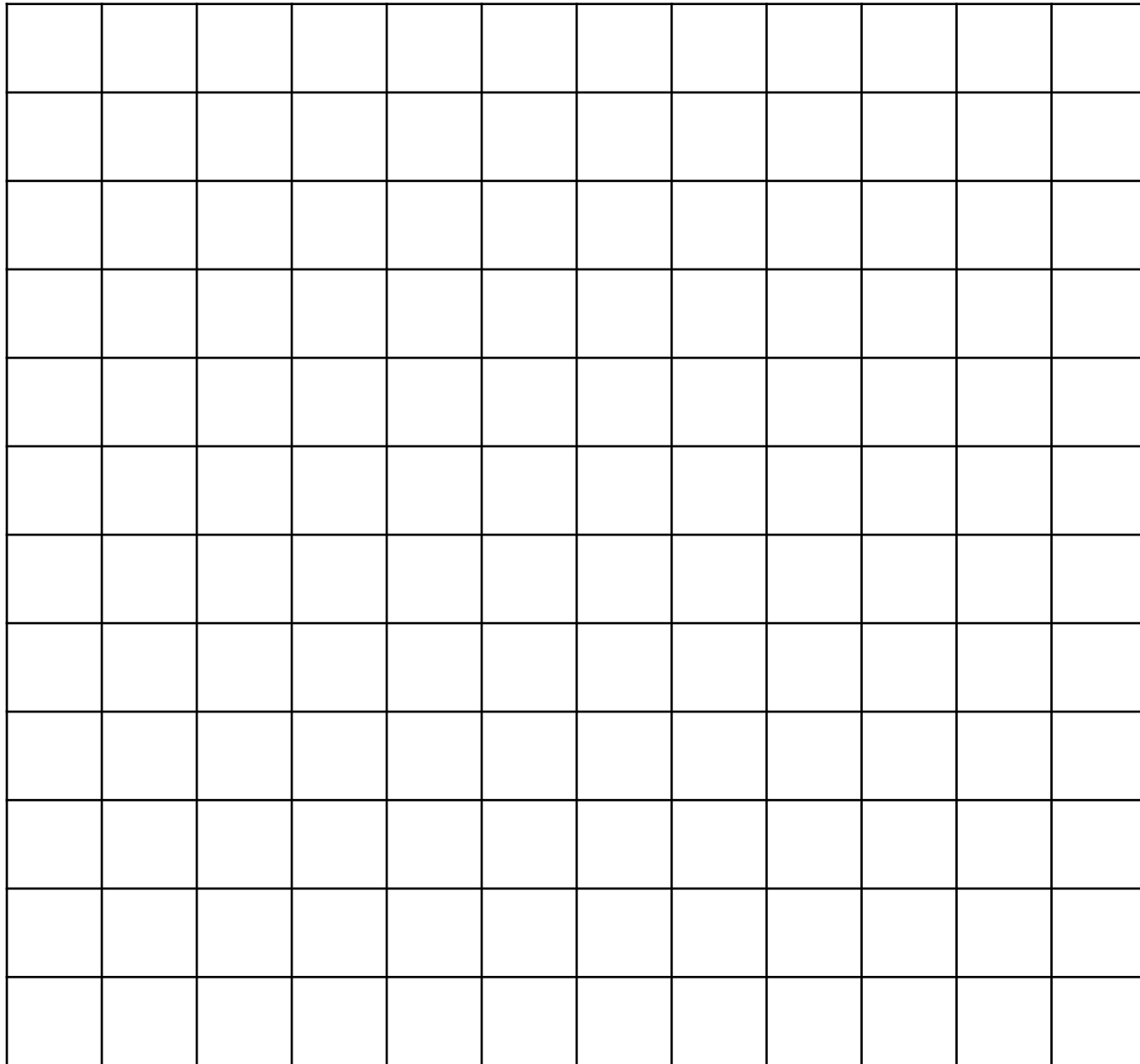
Using only the squares in the grid, draw a pattern in one quadrant, that is reflected into each of the other three quadrants using the vertical, and the horizontal mirror lines.

(Hint... it might help to do one quadrant to another quadrant first, not all at the same time.)

If you'd like a challenge, go for different colours!

(Leave some squares white please.)





Use this sheet in any way that you like. Be creative! Create your mirror lines FIRST, then add your patterns using only the squares.

CHALLENGE!

Can you create a symmetrical picture? A person, a face, an animal? A hot air balloon?

PSHE

Theme: Mindfulness



Make a Mindful Lava Lamp

Being mindful is all about learning to pay attention.

We can learn to pay attention, settle the mind and be mindful at any time of the day.

All you need to do is focus on what you are doing!

By learning to focus, we can settle and become calm, in both the mind and the body.

To help us with this we can have special games or activities that we can use to practice mindfulness.

This activity allows us to be mindful scientists. This is a simple mindful experiment that we can use to help us feel calm when we feel stressed, worried, frustrated, sad or angry.

This is really important and if they say no as they don't have all of the ingredients that is fine as this is optional -there are other mindful activities, on the slides that follow, that you can do which will help you focus, settle and become calm. Don't be grumpy with them just accept it as you would in school.

Preparation

You will need:

- An empty and clean jar or bottle
- Water
- Vegetable oil
- Food colouring
- Bicarbonate of soda



Instructions

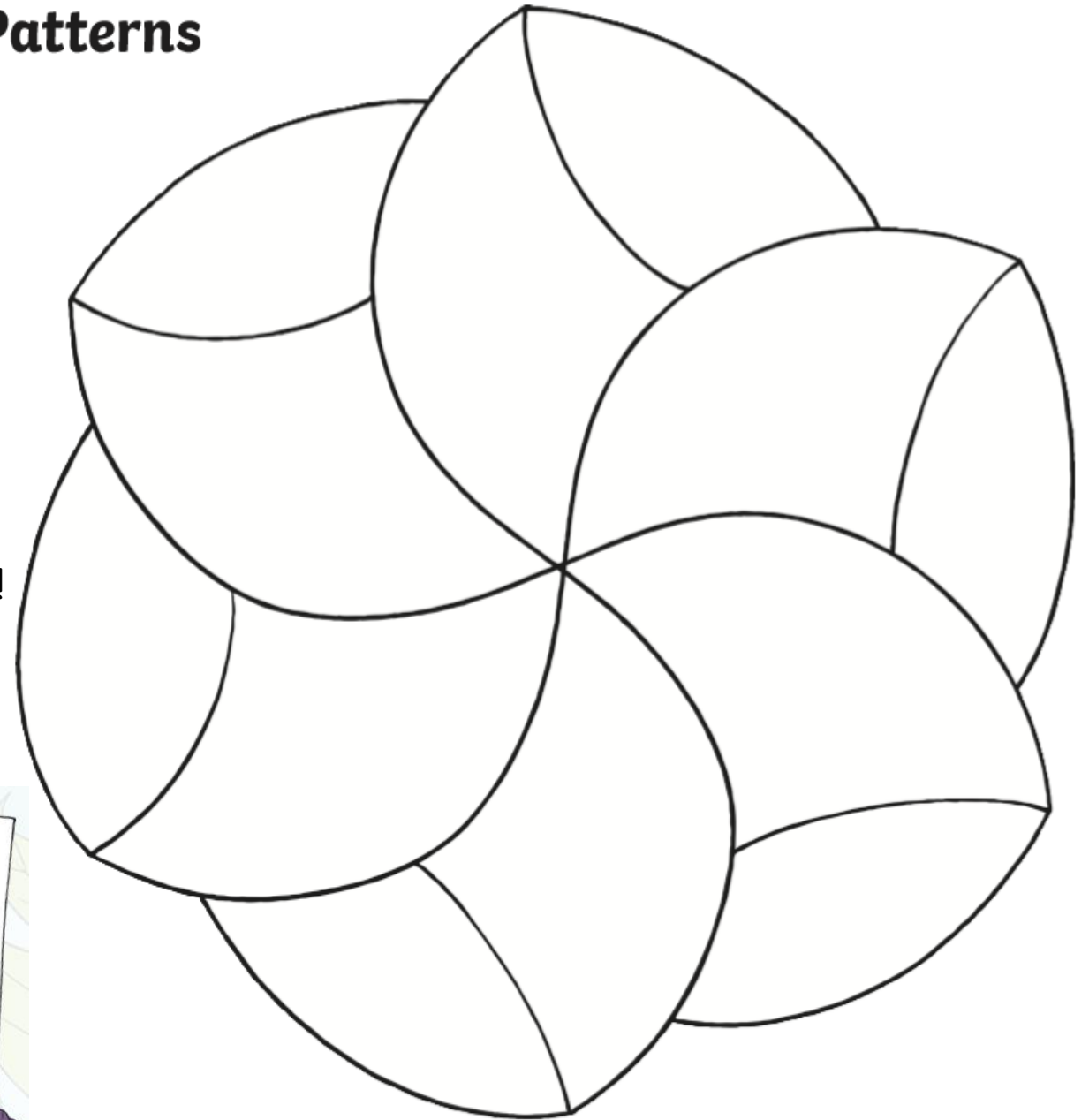
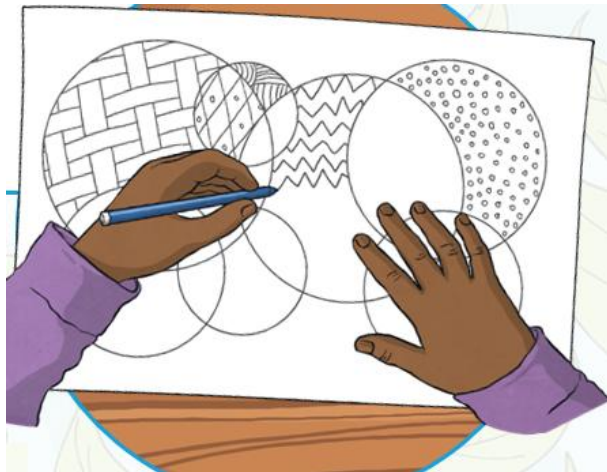
(Please ask for help from an adult when making the lava lamp.)

1. Start by filling the jar or bottle with vegetable oil almost to the top, remembering to leave a little space.
2. Then, fill the rest of the jar or bottle with water. The water will drop to the bottom below the oil.
3. Next, add a few drops of food colouring to the jar or bottle.
4. Watch as the food colouring sinks down and changes the colour of the water.
5. Put a small amount of bicarbonate of soda into the jar and watch as the lava lamp comes alive!

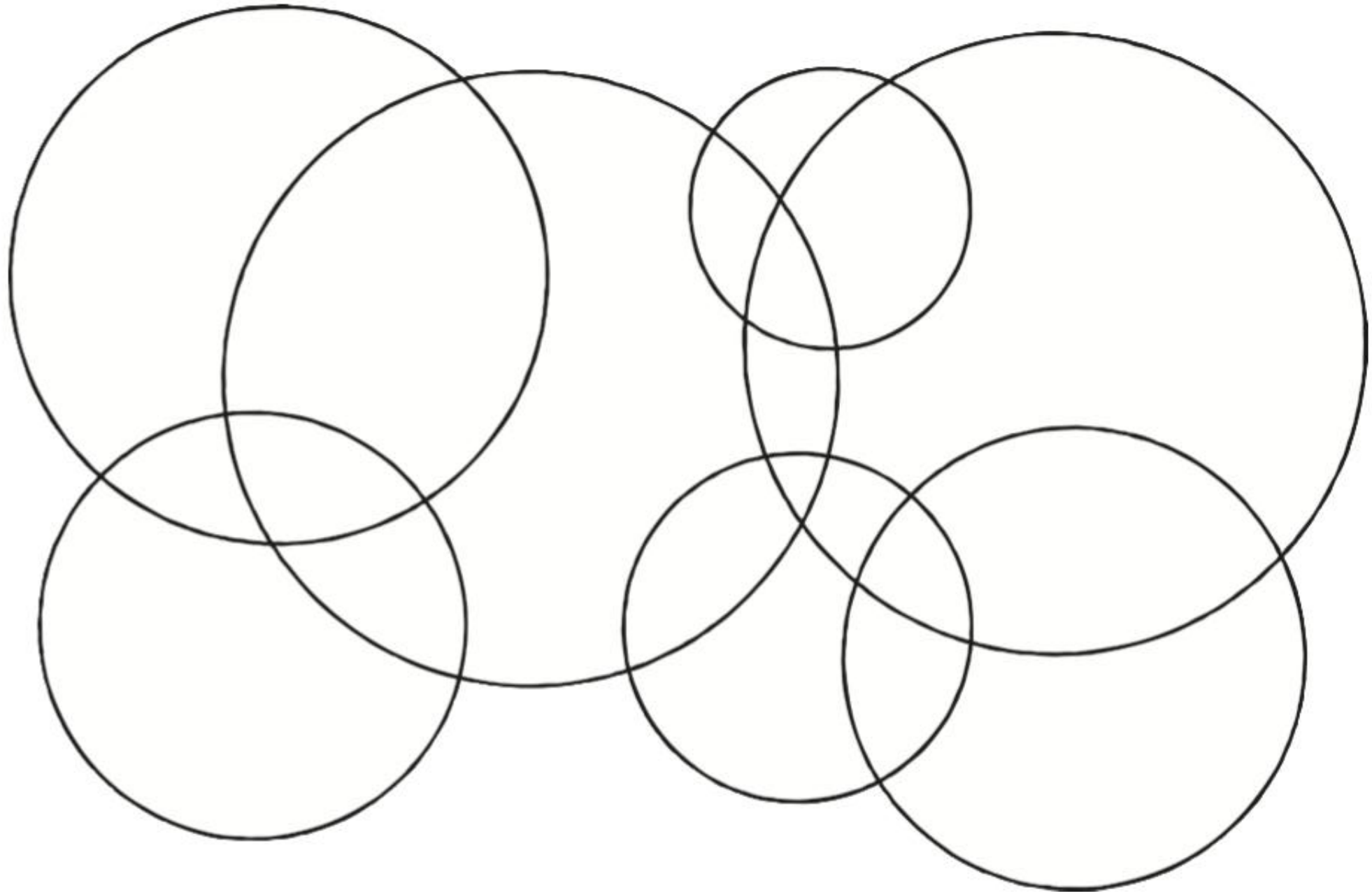
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Mindfulness Patterns

- Pictured left and on the next slide are mindfulness patterns created by doodling—you may wish to print them out and use them as templates. If you're not able to do this, you can always draw your own doodles before you continue.
- See each shape as a separate space and draw patterns in each individual shape—see the example below.
- Let your mind wander or just be in the moment whilst creating something unique and beautiful—just like each of you!
- Once all the spaces are filled, you can then add colour; remember that small, intricate patterns will take longer to colour in.



Mindfulness Patterns



Answers

On the beach-Answers

1. Summer
2. The flag is flapping
3. They don't want to get sunburned
4. Icecream
5. Cricket
6. He has stolen a handbag
7. Umbrellas and deckchairs
8. Food for a picnic
9. To warn of danger

Answers

R/E	How did Charlie check for hidden panels in the wall? (Pages 11 and 12-slide 13). Tapping the walls and pressing his ear to the wall as he drummed against the painted plaster.
R/I/V	What phrase tells us that Tilda thought Charlie was being silly when he started tapping the walls? (Pages 11 and 12-slide 13). Groaning at the ten-year old's stupidity, Tilda clasped her hands to her lips. "Charlie why would anybody--"
R	Where in the room did Charlie find something? (Pages 11 and 12-slide 13). In the corner of the room, behind plasterboard.
R/I/V	Which phrases tell us that Tilda didn't believe Charlie had found something? (Pages 11 and 12-slide 13). "Yeah it's called the wall!" and slowed by doubt.
I	Why did Charlie sneeze when he poked his head around the door of the attic? (page 10-slide 12). Because it was so dusty in there, some probably went up his nose.
E/I	Why were Charlie and Tilda so surprised that the attic was empty? (page 10-slide 12). Because the rest of the house had previously been filled with clutter.
E	Explain in as much detail as you can how Charlie discovered the hidden trapdoor? (Page 13-slide 14). He dropped to his knees and started tapping the floorboards nearest the wall. He hooked his fingers around an almost invisible groove in the wood and pulled up the floorboards.
I/E	Are Tilda and Charlie excited to have found a hidden room. Use evidence from chapter 2 to explain your answer as fully as possible. Yes, because they were disappointed that the attic was empty at the beginning of the chapter and Charlie smiled once he'd found out there may be some treasure.
V	On page 9, it says, '...one of the spectres Charlie so feared...'-What is a spectre? A ghost.
P	Predict what you think is in the small room behind the wall. Your own predictions-there are no right or wrong answers here.

10-4-10 **Answers**

Complete in the same way as we do in school. Aim to complete as many questions as you can in 10 minutes. Miss them out if you're spending too long thinking about how to tackle them. You don't need to write the question. Only show your workings if you need to. You should use the squares in your Maths homework book as this will help you set out any written methods.

- 1000 less than 3,456. **2,456**
- 100 more than 981. **1,081**
- $12 \times \underline{6} = 72$
- $\underline{8} \times 11 = 88$
- $35 \times 9 = \mathbf{315}$
- $342 \times 7 = \mathbf{2,394}$
- $13 \times 10 = \mathbf{130}$
- $9.3 \times \underline{1000} = 9,300$
- What is the ninth month of the year? **September**
- $4,568 + \underline{\mathbf{3,432}} = 8,000$

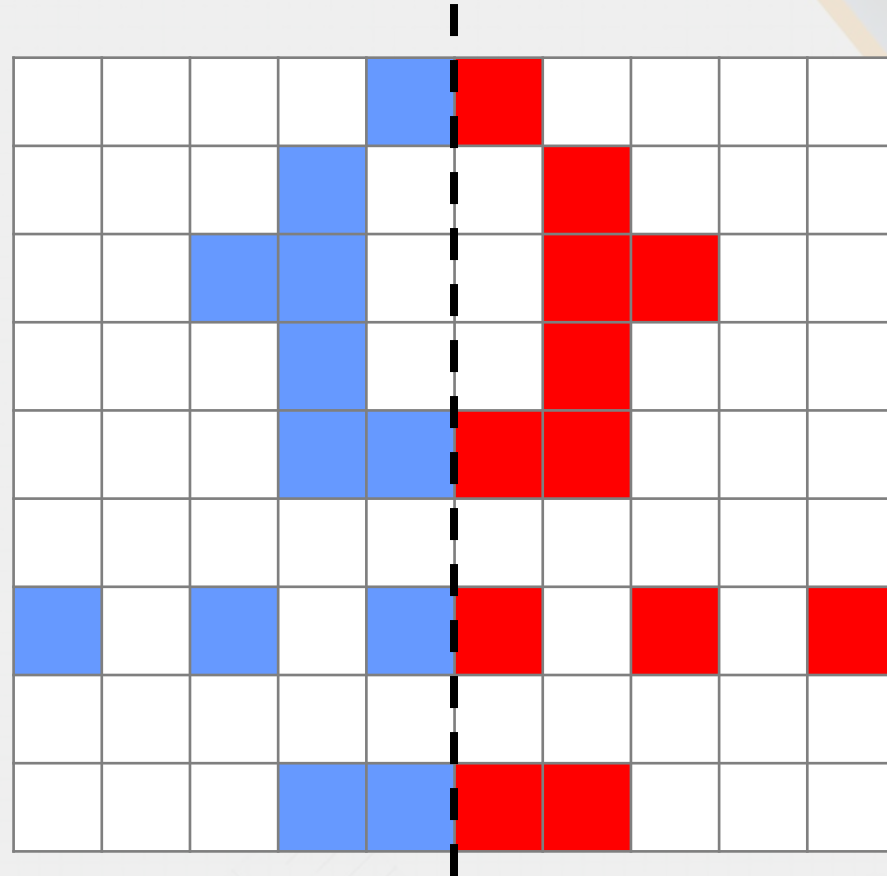
Extension

- $\pounds 13.52 - 954\text{p} = \mathbf{\pounds 3.98}$
- $8 \times 9 = 100 - \underline{\mathbf{28}}$
- How many seconds in 4 minutes 15 seconds? **255 seconds.**
- Write 5:45pm in 24 hour clock. **17:45**
- I have 4 $\pounds 2$ coins, 3 50p coins and 5 20p coins, how much more do I need to make $\pounds 15$? **$\pounds 4.50$**
- $6.3 - 2.87 = \mathbf{3.43}$
- Write $\frac{1}{4}$ as a decimal number. **0.25**
- How many days in January? **31 days**
- $56.01 + 12.9 = \mathbf{68.91}$
- $0.43 + 4 \text{ tenths} = \mathbf{0.83}$



Answers:
Sheet 1

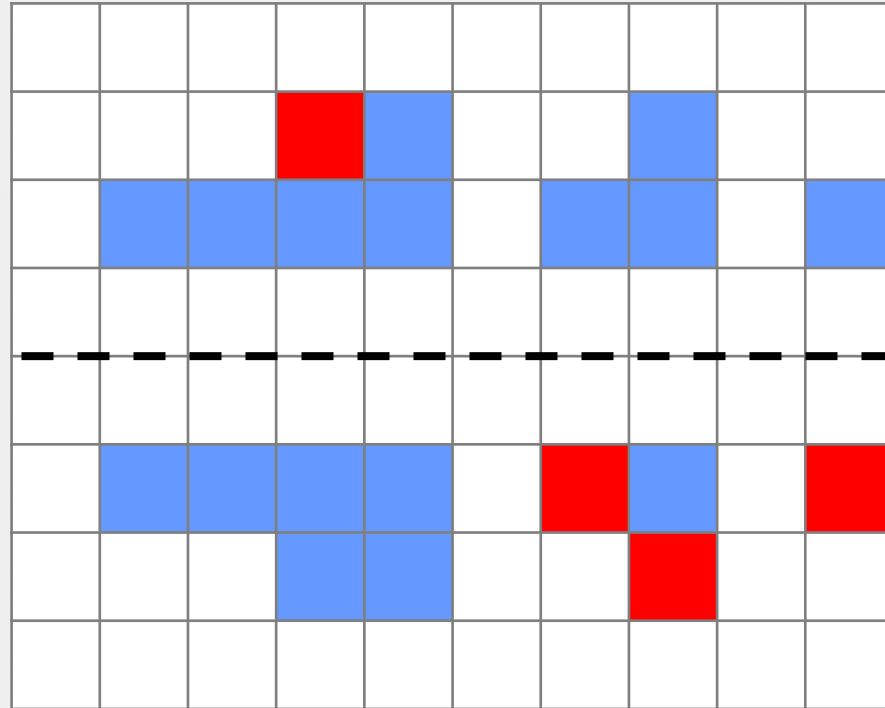
Reflect the pattern in the mirror line.





Answers:
Sheet 2

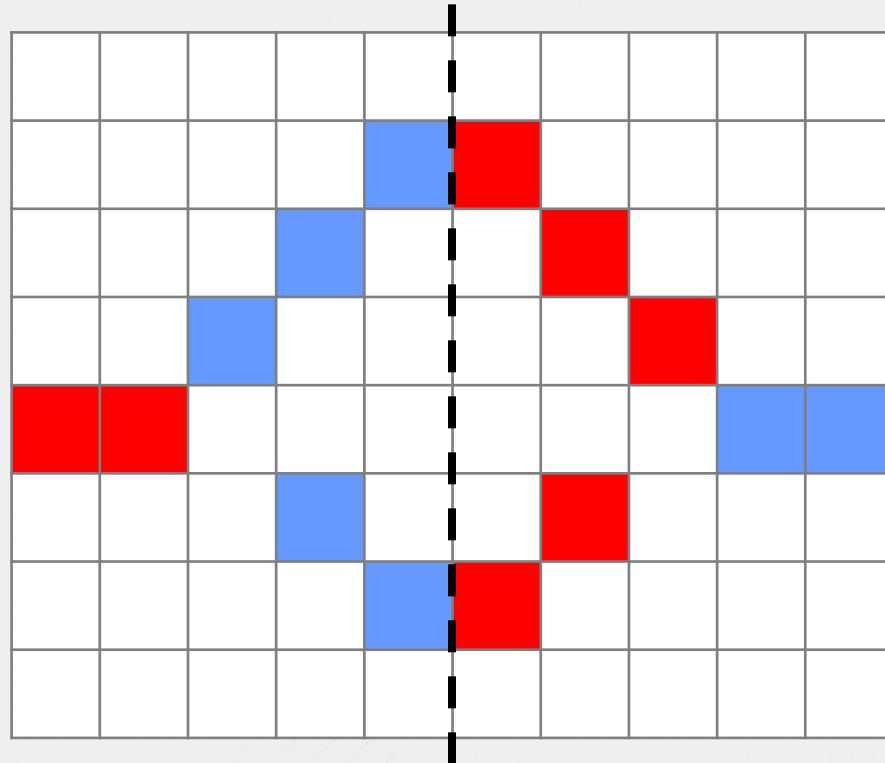
Add 4 squares to the pattern below so that it has a horizontal line of symmetry.





Answers:
Sheet 3

What is the smallest number of squares that need to be filled so that this pattern has a vertical line of symmetry?

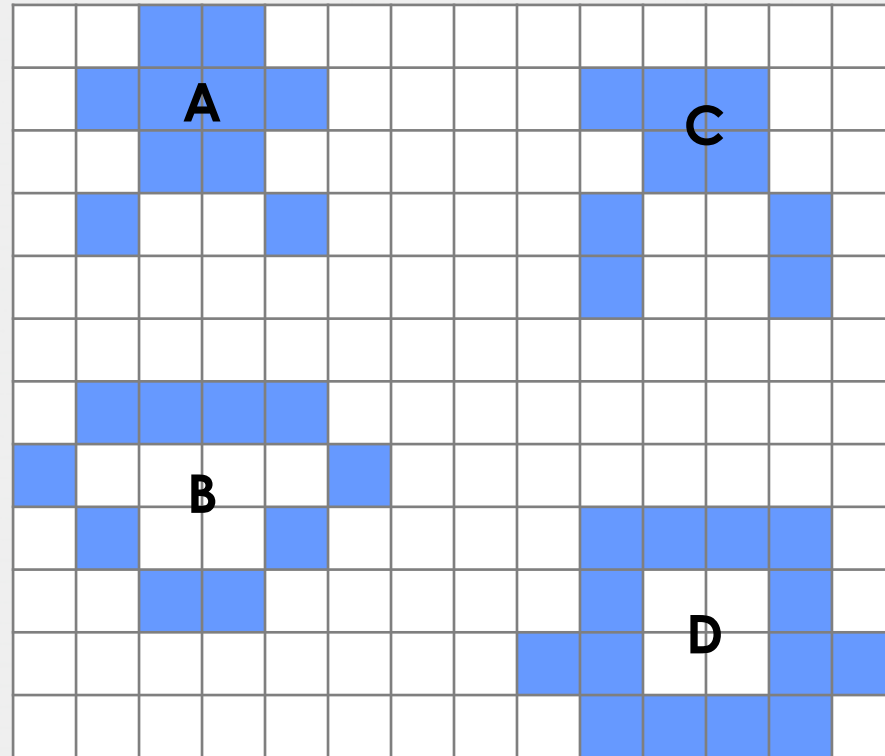


7 more squares, 14 squares altogether.



Answers:
Sheet 4

Spot the odd one out. Explain your choice.



C is the odd one out because it's the only pattern that is not symmetrical. All the other patterns have a line of symmetry.