Wednesday 24ᵗʰ June

Hello Year 5,

We do hope that you are all well and taking care of yourselves and your families during these very strange times.

Here are the activities for this week for you to follow and complete. We're starting a new writing unit, learning about percentages, decimals and fractions in Maths and also focusing on healthy eating in PSHE. There's a sprinkling of art, P.E. and outdoor learning too! If you have some spare time or want to do some extra learning, you could visit https://www.bbc.co.uk/bitesize   or https://www.thenational.academy/online-classroom   where there are lots of lessons and activities to choose from.

As always, try to read for at least 20 minutes a day and 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. Remember you can read or listen to books online using https://readon.myon.co.uk and https://stories.audible.com/start-listen.

As well as learning, take time to relax, exercise and be kind to yourselves and each other.

Best wishes,

Miss Savage, Mrs Montgomery and Mrs Graham too!

Doors are not only exciting for what may lie behind them, they can be designed to invite you into their world. A few years ago, a derelict area of Funchal in Madeira was transformed by local artists who decided to bring the dead doors to life. The beauty of the art opened new doors, and soon homes, shops and restaurants flourished there. Here are a few of those doors.

★ **Have a go at drawing, painting or creating your own door. What design would you choose? What would it represent?**

2

MATHS 10-4-10

1. $45 \div 9 =$
2. $4 \times 70 =$
3. $4521 + 789 =$
4. $43.9 - 23.4 =$
5. $\frac{7}{10} - \frac{3}{5} =$
6. £10 – £3.45 =
7. What is the value of a if a + 6 = 23?
8. How many degrees in a right angle?
9. Write 23,584 in words.
10. In a class, $\frac{2}{5}$ of the children are boys. What fraction of the class are girls?

> Remember – ten questions in ten minutes.
>
> If you find one tricky, just move on to the next and come back to any you have missed at the end.

Maths Activity – Percentages, decimals and fractions

Today is our last day learning about percentages, decimals and fractions.

There is not a video to watch specifically for these activities – but you could re-watch Monday's or Tuesday's if you wish.

'Activity 1' is for everyone to try then 'Activity 2' has been differentiated.

Again you should have a go at completing the questions you feel confident to. Remember, don't worry, just try your best.

Activity 2:

Questions 1 – 9 ☆

Questions 1 – 14 ☆ ☆

Questions 1 - 18 ☆ ☆ ☆

Matching Activity

Match the equal fractions, decimals and percentages.

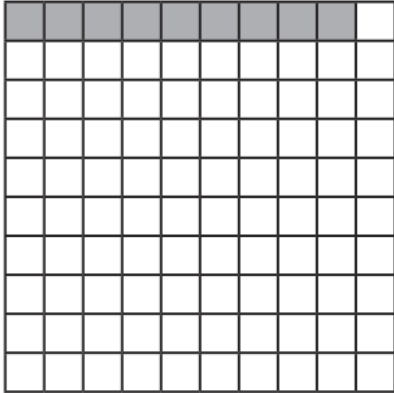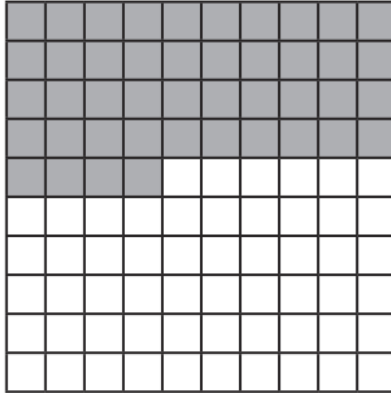|			
	0.25	$\dfrac{1}{4}$	100%
	0.01	$\dfrac{1}{3}$	50%
	0.125	$\dfrac{1}{2}$	33.3%
	0.2	$\dfrac{1}{100}$	25%
	0.1	1	20%
	1	$\dfrac{1}{5}$	12.5%
	0.5	$\dfrac{1}{8}$	10%
	0.33	$\dfrac{1}{10}$	1%
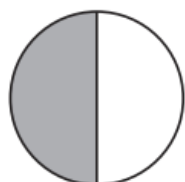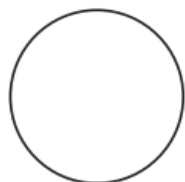
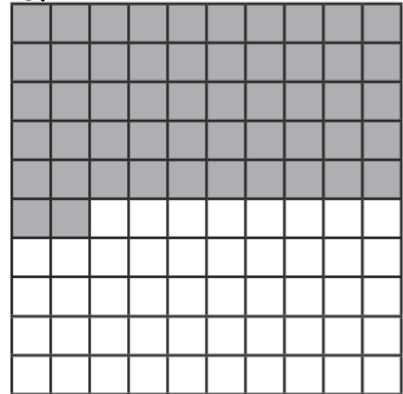Write the percentage, fraction and decimal represented by the following:

1.

| % | —— | |

2.

| % | —— | |

3.
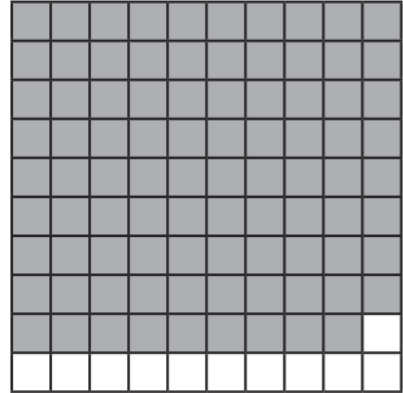
| % | —— | |

4.
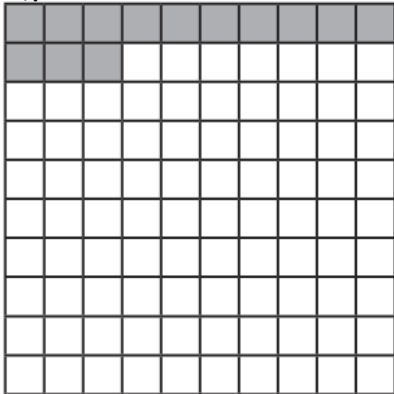
| % | —— | |

5.
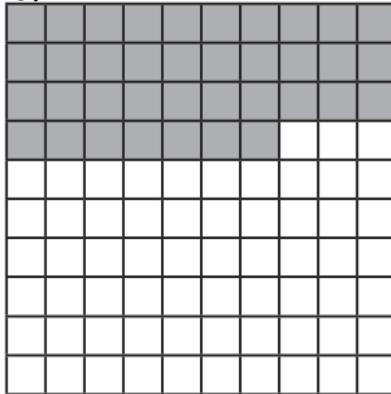
| % | —— | |

6.

| % | —— | |

7.
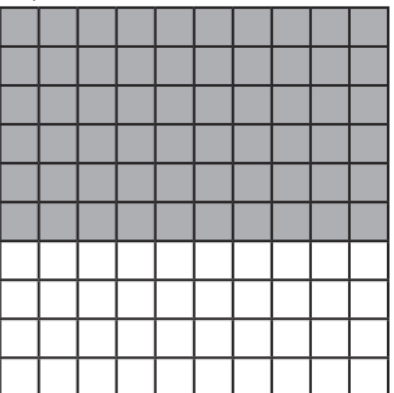
| % | —— | |

8.
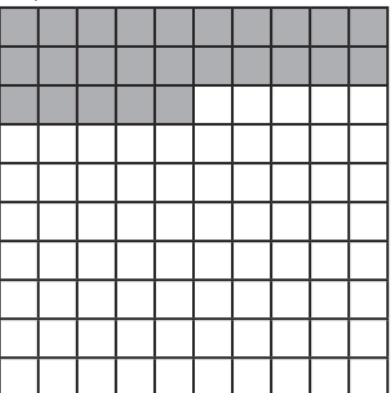
| % | —— | |

9.
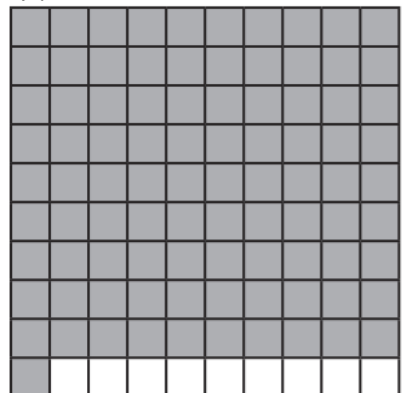
| % | —— | |

twinkl

Write the percentage, fraction and decimal represented by the following:

11.

10.

[%] [——] [ ]

[%] [——] [ ]

12.

[%] [——] [ ]

13.

14.

[%] [——] [ ]

[%] [——] [ ]

15.

[%] [——] [ ]

16.

17.

[%] [——] [ ]

[%] [——] [ ]

18.

[%] [——] [ ]

twinkl
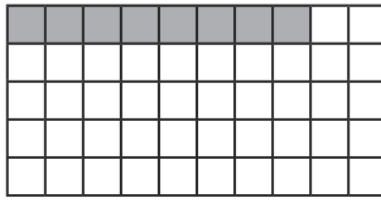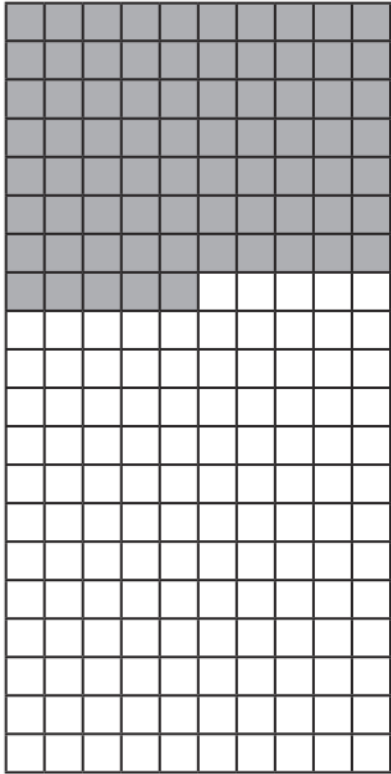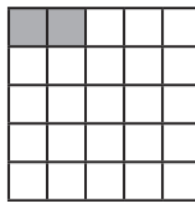
Loose Parts Challenge:

Make a ball run with a difference!

Play based learning

All

A
B
C

Instructions basic level

Activity

To design and build a tennis ball run. Here are our specifications but you can choose your own:

- The tennis ball run must be on at least two levels and at different heights.
- It must change direction and involve at least one right angle.
- It must have a start and finish point.
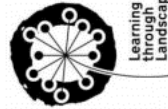- The tennis ball must be able to travel from beginning to end on its own.

The scale of your ball run is up to you!

General Learning Outcomes and possible extensions

This is a fun practical **STEM** activity with problem-solving, trial and error and evaluation at its core. It could also be linked to **forces and motion** in **Science** work.
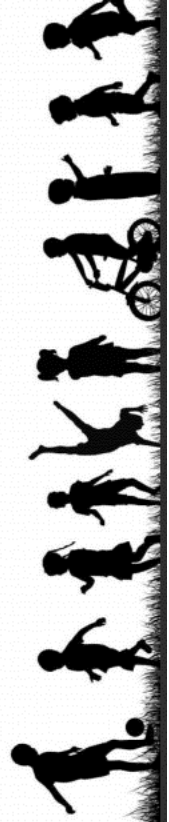
Add more twists, turns or levels to your ball run.

Can you ball run go from indoors to outdoors, or vice versa?

What could you use?

A ball of some kind!

A range of small and large materials e.g. recycling, scrap construction, materials, natural items, and other bits 'n' bobs!
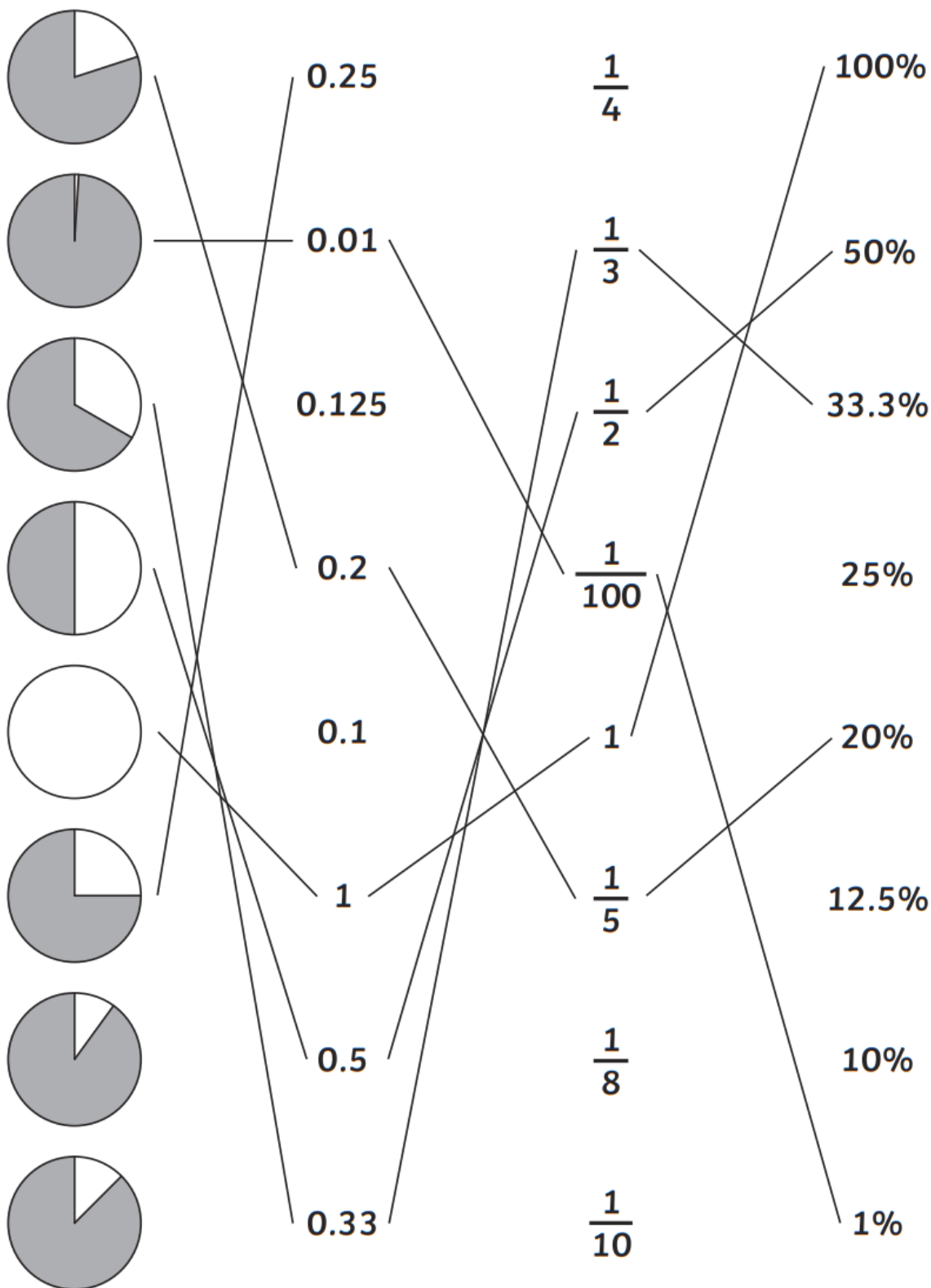
Learning through Landscapes

ANSWERS

ANSWERS 10-4-10

1. $45 \div 9 =$ 5
2. $4 \times 70 =$ 280
3. $4521 + 789 =$ 5310
4. $43.9 - 23.4 =$ 20.5
5. $\dfrac{7}{10} - \dfrac{3}{5} = \dfrac{1}{10}$
6. £10 – £3.45 = £6.55
7. What is the value of a if a + 6 = 23? 17
8. How many degrees in a right angle? 90
9. Write 23,584 in words = twenty-three thousand, five hundred and eighty-four
10. In a class, $\dfrac{2}{5}$ of the children are boys. What fraction of the class are girls? $\dfrac{3}{5}$
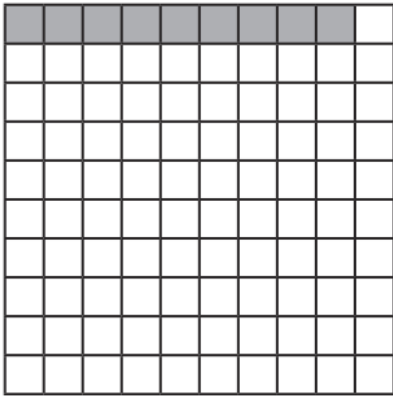
Match the equal fractions, decimals and percentages.

0.25

0.01

0.125

0.2

0.1

1

0.5

0.33

$\frac{1}{4}$

$\frac{1}{3}$

$\frac{1}{2}$

$\frac{1}{100}$

1

$\frac{1}{5}$

$\frac{1}{8}$

$\frac{1}{10}$

100%

50%

33.3%

25%

20%

12.5%

10%

1%

twinkl

ANSWERS: 'Activity 2'

Please accept suitable equivalent fractions and simplified decimals.
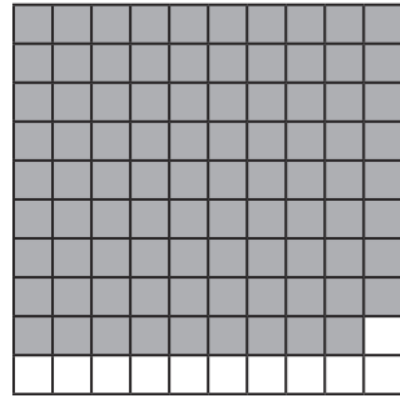
1.

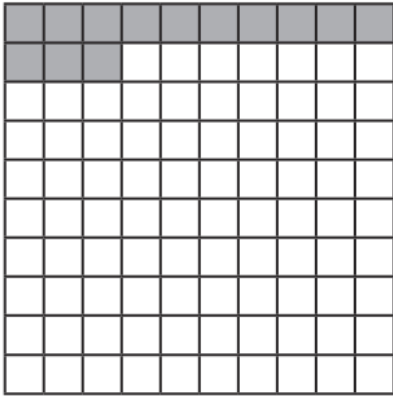| 9% | $\frac{9}{100}$ | 0.09 |

2.
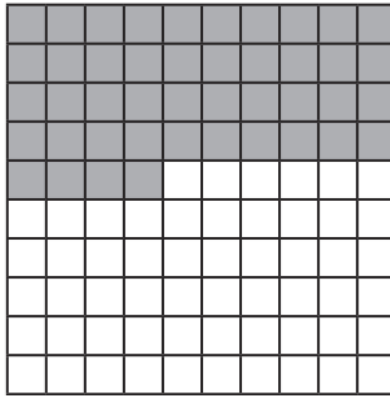
| 44% | $\frac{44}{100}$ | 0.44 |

3.

| 89% | $\frac{89}{100}$ | 0.89 |

4.

| 13% | $\frac{13}{100}$ | 0.13 |

5.
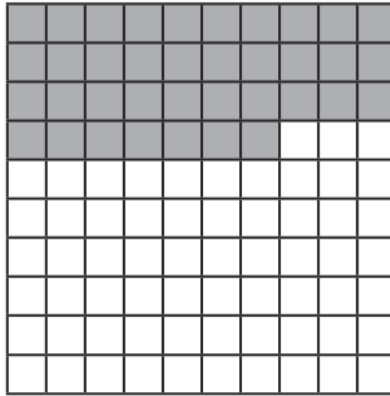
| 37% | $\frac{37}{100}$ | 0.37 |

6.
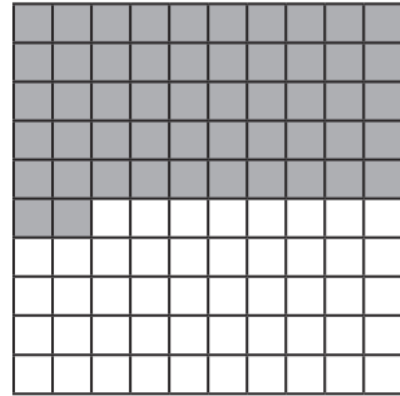
| 52% | $\frac{52}{100}$ | 0.52 |

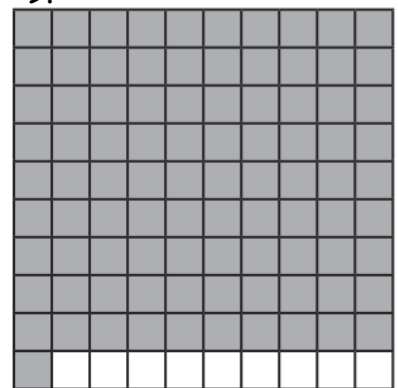**7.**
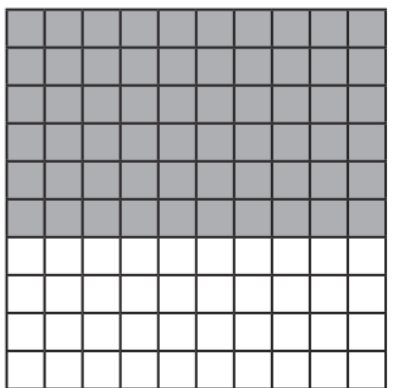
| 60% | $\frac{60}{100}$ | 0.6 |

8.
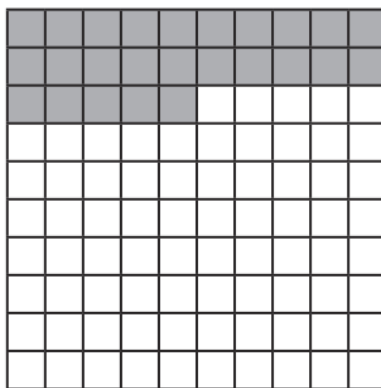
| 25% | $\frac{25}{100}$ | 0.25 |

9.

| 91% | $\frac{91}{100}$ | 0.91 |

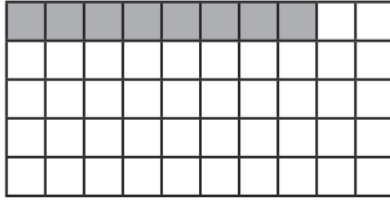Please accept suitable equivalent fractions and simplified decimals.

11.

10.
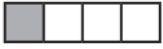
| 25% | $\frac{1}{4}$ | 0.25 |

| 16% | $\frac{8}{50}$ | 0.16 |

12.

| 80% | $\frac{4}{5}$ | 0.8 |

13.

| 70% | $\frac{7}{10}$ | 0.7 |

14.

| 15% | $\frac{3}{20}$ | 0.15 |

15.

| 50% | $\frac{1}{2}$ | 0.5 |

16.
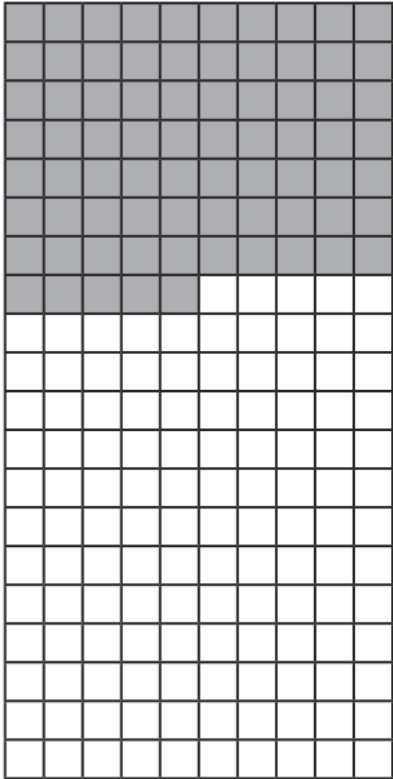
| 37.5% | $\frac{75}{200}$ | 0.375 |

17.

| 8% | $\frac{2}{25}$ | 0.08 |

18.

| 33% | $\frac{1}{3}$ | 0.33 |