Friday 26th 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!

English Activity 5 – Verb prefixes (2)

Today we are continuing our work on verb prefixes. Think carefully about what you learnt yesterday.

There are two activities to complete today. The first is a mini test on prefixes; the second is a small writing challenge where you will apply your learning.

English Activity 5a – Mini test

1. **What do these prefixes mean when used before a root word?**

Dis-   _____

Mis-   _____

Re-   _____

De-   _____

Over- _____

5 marks

· ·

2. **Tick the sentences in which the underlined words use the correct prefixes.**

a) She was <u>desatisfied</u> with the service so she wrote to complain. ☐

b) After the drink was spilled, he had no choice but to <u>redo</u> everything. ☐

c) It was clear the dog had <u>disheard</u> the instruction when it rolled over on its back. ☐

d) When the plan didn't work, Daisy had a quick <u>dethink</u>. ☐

e) David found it hard to control his voice and was sometimes guilty of <u>overloud</u> conversations. ☐

2 marks

Twinkl

3. Insert a prefix before the underlined root words to make the sentences make sense.

a) The builders had to do a quick ____design when it was clear the windows didn't fit.

b) A completely new species of bear had been ____covered only recently.

c) The lorry was so big it took a long time to ____take.

d) The thought of not leaving on time ____motivated the workers.

e) The class were known to ____behave when the teacher was unwell.

4. Circle the words if they contain actual prefixes rather than just spellings that use the same letters. e.g. dis- in (discover) acts as a prefix but does not in disco.

descend	mistake	review	overnight
overweight	dentist	disrespect	misty
missing	misprint	restroom	devil
missile	rent	restore	disco

twinkl

English Activity 5b – Writing challenge

Look back on you work from earlier this week about doors. Perhaps look at the images of the doors from Wednesday and the artwork that you created.

Write a paragraph describing a door using as many re-, dis-, over-, de- and mis- prefixes that you can. The challenge is to use at least 10!

Highlight all of the prefixed verbs that you have used. Check that they are a prefix+verb and not just a word starting with those letters.

Let the challenge begin……

MATHS 10-4-10

1. 2.5 - _____ = 1.8
2. Simplify $\frac{10}{40}$.
3. Write 50% as a decimal.
4. 72 ÷ 6 =
5. What 3D shape does this net make?
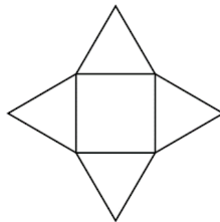
6. What are the factors of 18?
7. 345 ÷ 5 =
8. 2456 x 13 =
9. 4.5 kg + 300 g – 1.1 kg =
10. 80 x _____ = 1600

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 – Adding decimals with a different number of decimal places

Today we are continuing to add decimals.

Use the following link to White Rose Maths Home Learning and watch the video for Summer Term - Week 8 - Lesson 4 - Adding decimals with a different number of decimal places.

https://whiterosemaths.com/homelearning/year-5/

You can pause the video and complete the questions on the sheet or in your homework books, or you may prefer to watch the whole video first before completing the sheet. If you feel you want to just go ahead and complete the sheet, then feel free to do so. You can then check your answers to see how you got on (answers are at the end of the presentation).

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

Questions 1 – 3 ☆

Questions 1 – 6 ☆☆

Questions 1 - 9 ☆☆☆

4

Adding decimals with a different number of decimal places

1 Ron is adding 1.4 and 2.53

He makes each number with counters.

Ones	Tenths	Hundredths
●	● ● ● ●	
● ●	● ● ● ● ●	● ● ●

a) What is the answer to Ron's calculation?

b) Explain your method to a partner.

c) Did you have to make an exchange? _____.

2 Work out the additions.

a)
```
    3 • 0   2
+   1 • 6
  ─────────
      •
  ─────────
```

c)
```
      2 • 8
+   3 • 4   5
  ─────────
      •
```

b)
```
  1   3 • 5
+     0 • 2   3
  ───────────
        •
  ───────────
```

d)
```
      6 • 1   5
+   1 • 3   9
  ───────────
        •
  ───────────
```

3 Filip is adding two numbers together.

He writes it as a column addition.

$$
\begin{array}{r}
1\ \ 3\cdot 8 \\
+\ \ \ 1\cdot 9\ \ 5 \\
\hline
3\cdot 3\ \ 3 \\
\end{array}
$$

a) What mistake has Filip made?

_____

_____

b) Use the column method to work out the correct answer.

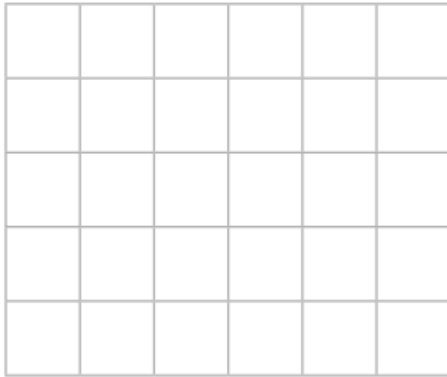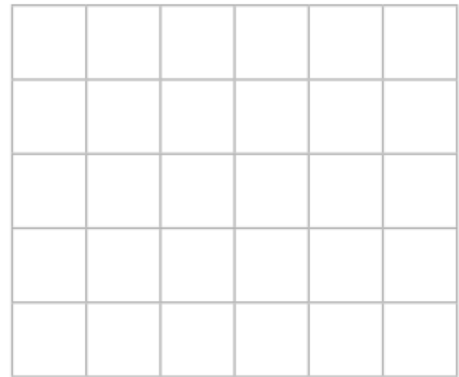**4** Use the column method to work out the additions.

a) 2.36 + 1.9

b) 14.82 + 3.7

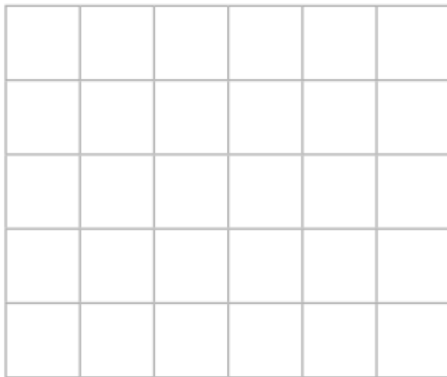**5** Use the column method to work out the additions.

a) 0.59 + 11.9

c) 0.591 + 1.73

b) 77.34 + 1.82

d) 3.2 + 1.84 + 0.931
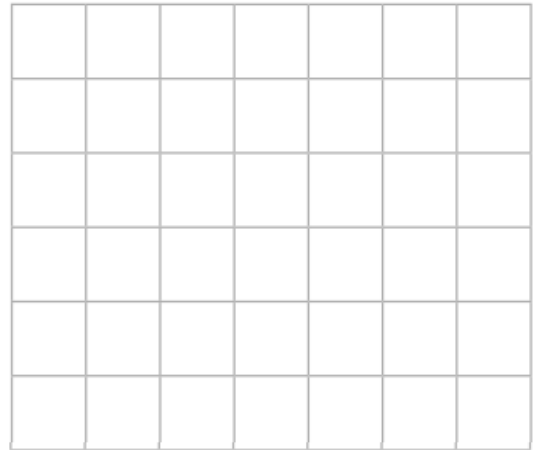
6 Mr Hall drives from point A to point B, then on to point C.

72.5 km

103.6 km

B

C

A
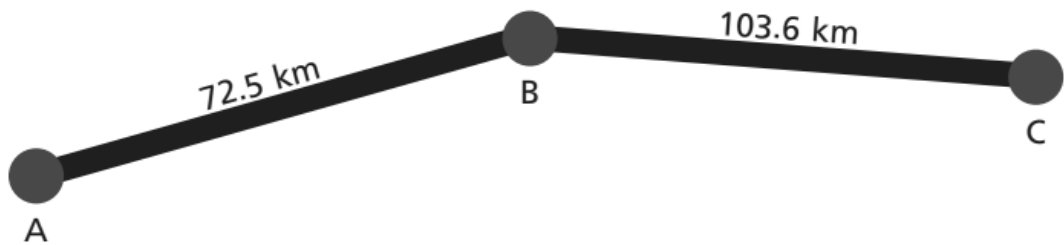
What is the total distance that Mr Hall drives?

km

7 Here are four number cards.

| 3.8 | | 4.19 | | 0.72 | | 11.46 |

a) What is the greatest total you can make by adding two of the numbers?

Complete the calculation.

[ ] + [ ] = [ ]

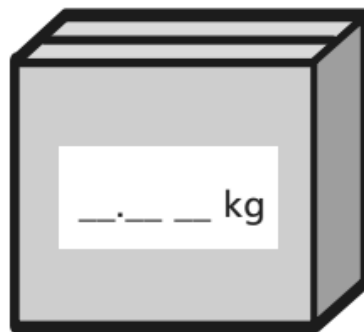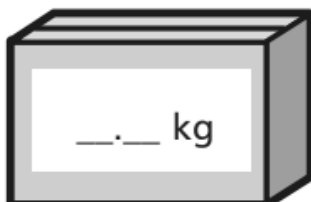b) What is the sum of the four numbers?

[ ]

8 Work out the missing digits.
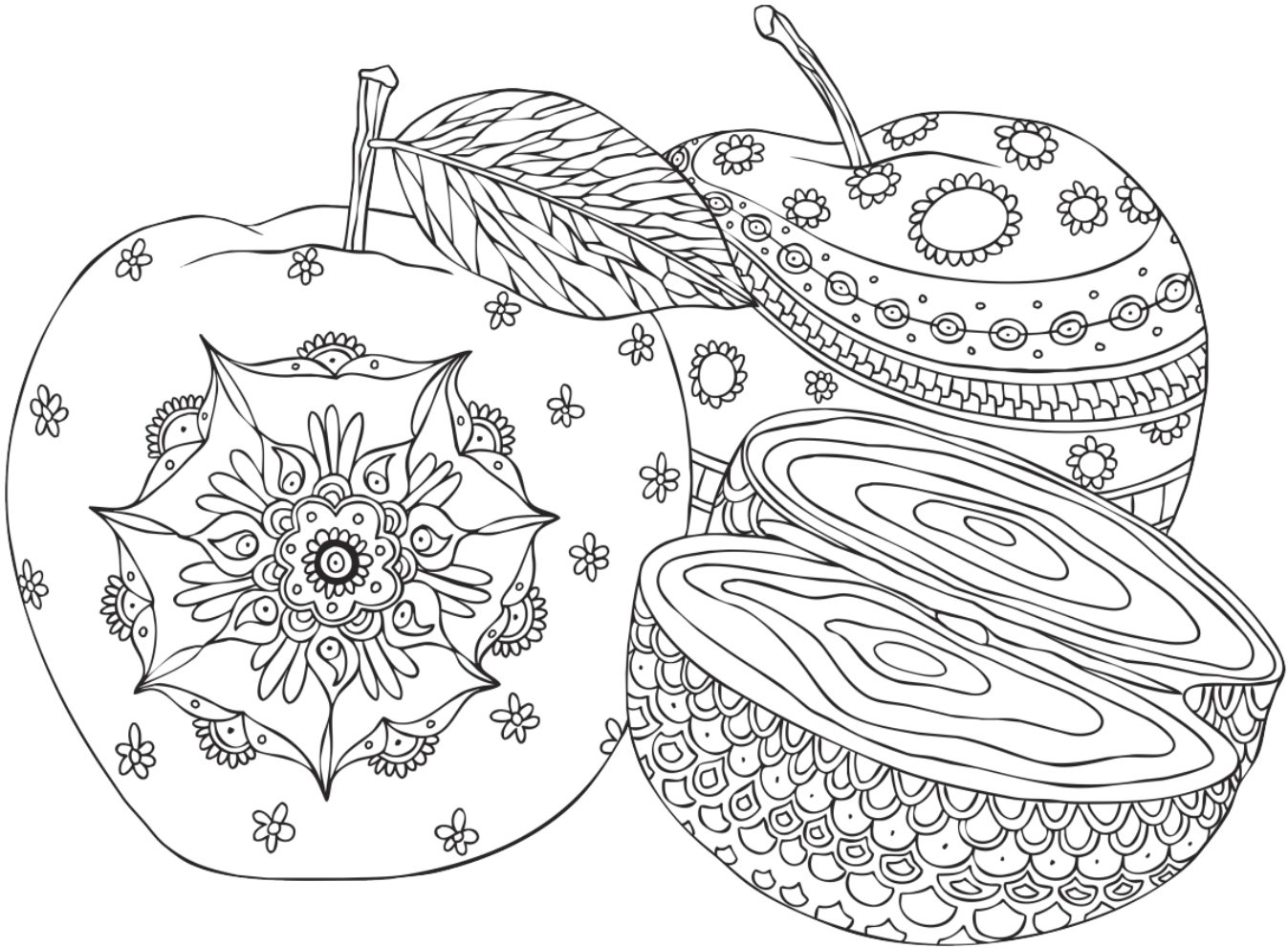
a) __4.3 + 1__.37 = 39.67

b) 4.8__ + __.__ = 12.65

9 The total mass of the two boxes is 10.85 kg.

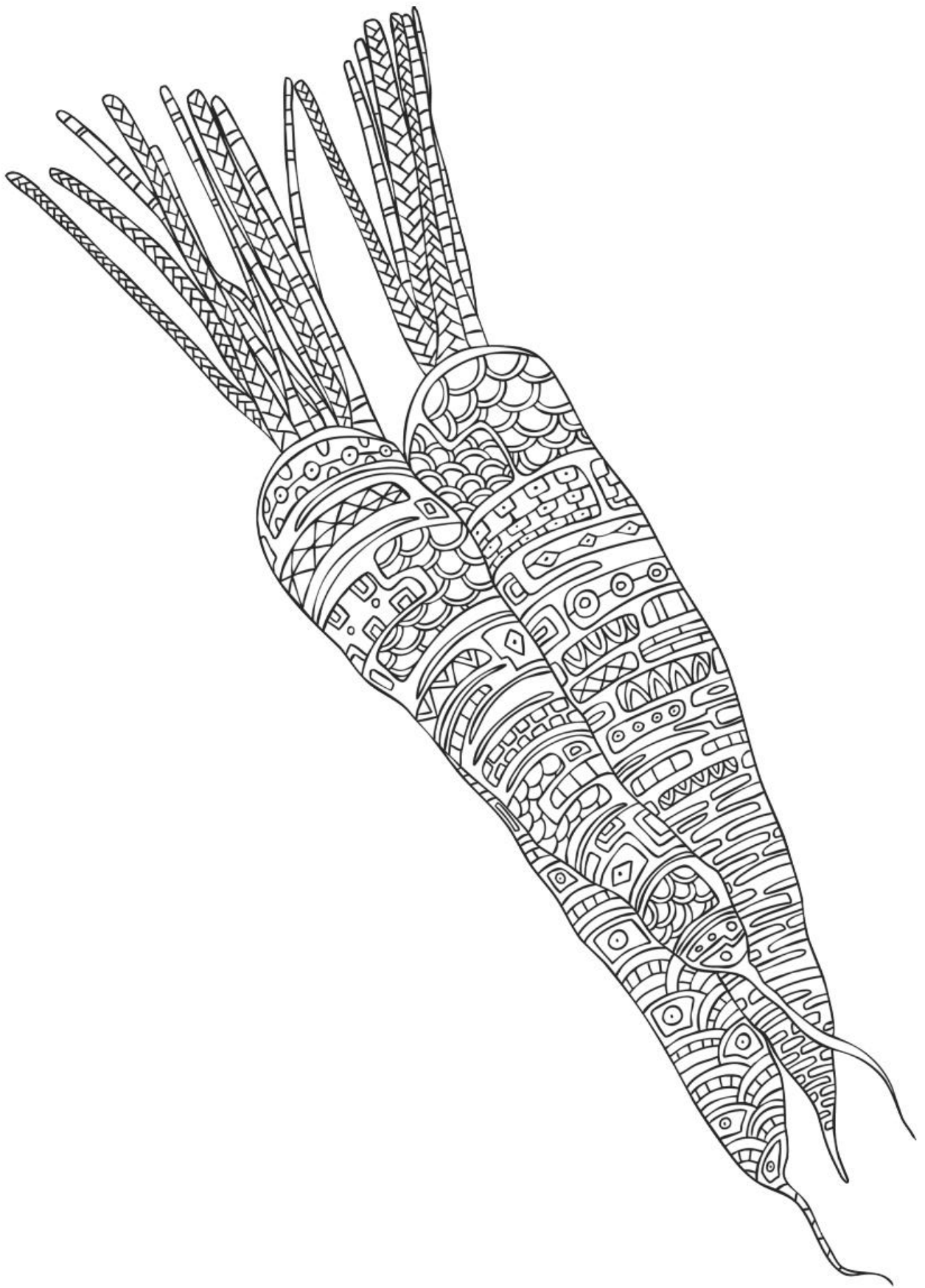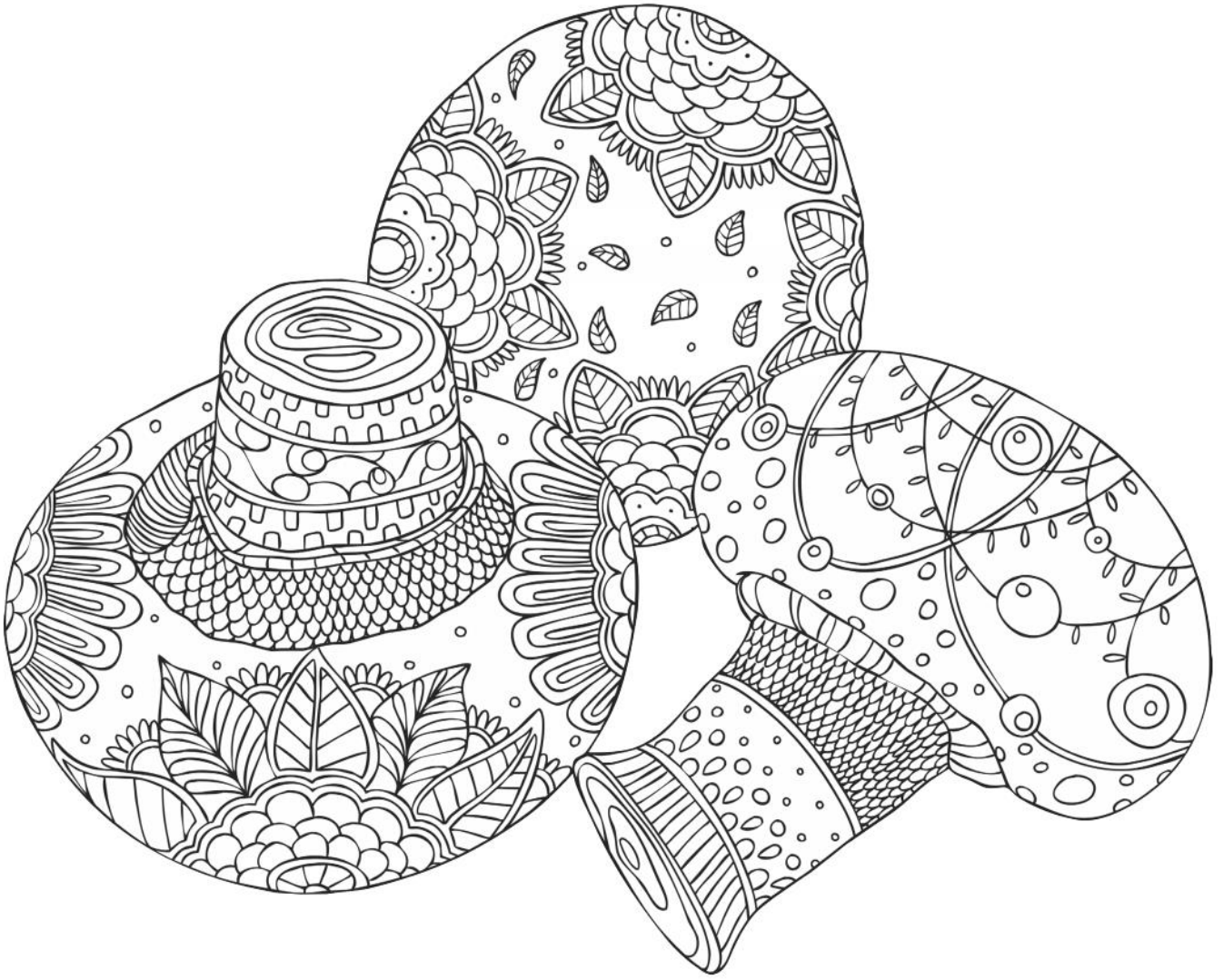What could the mass of each box be?

__.__ kg

__.__ __ kg

How many answers can you find?

8

ANSWERS

1   What do these prefixes mean when used before a root word? (Word choice may vary)

Dis- *Means 'don't' or 'not' and has a reversing negative effect.*

Mis- *Means 'wrongly' or 'badly'.*

Re- *Refers to the act of doing something again or moving back and away.*

De- *Can mean 'to remove' 'off' or 'from' or be used to form an opposite.*

Over- *Means 'too much' of something, 'above' or 'beyond.'*

2   Tick the sentences in which the underlined words use the correct prefixes.

a) She was <u>desatisfied</u> with the service so she wrote to complain. ☒

b) After the drink was spilled, he had no choice but to <u>redo</u> everything. ☑

c) It was clear the dog had <u>disheard</u> the instruction when it rolled over on its back. ☒

d) When the plan didn't work, Daisy had a quick <u>dethink</u>. ☒

e) David found it hard to control his voice and was sometimes guilty of <u>overloud</u> conversations. ☑

3   Insert a prefix before the underlined root words to make the sentences make sense. (There may be alternative correct answers)

a) The builders had to do a quick *re* <u>design</u> when it was clear the windows didn't fit.

b) A completely new species of bear had been *dis* <u>covered</u> only recently.

c) The lorry was so big it took a long time to *over* <u>take</u>.

d) The thought of not leaving on time *de* <u>motivated</u> the workers.

e) The class were known to *mis* <u>behave</u> when the teacher was unwell.

4   Circle the words if they contain actual prefixes rather than just spellings that use the same letters. e.g dis- in ⟨discover⟩ acts as a prefix but does not in disco.

⟨descend⟩	⟨mistake⟩	⟨review⟩	⟨overnight⟩
⟨overweight⟩	dentist	⟨disrespect⟩	misty
missing	⟨misprint⟩	restroom	devil
missile	rent	⟨restore⟩	disco

ANSWERS 10-4-10

1. 2.5 – 0.7 = 1.8
2. Simplify $\frac{10}{40}$ = $\frac{1}{4}$
3. Write 50% as a decimal = 0.5
4. 72 ÷ 6 = 12
5. What 3D shape does this net make?
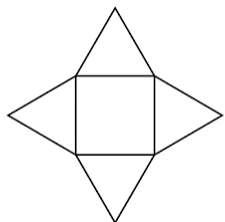
Square-based pyramid

6. What are the factors of 18? 1, 18, 2, 9, 3, 6
7. 345 ÷ 5 = 69
8. 2456 x 13 = 31,928
9. 4.5 kg + 300 g – 1.1 kg = 3.7kg or 3700g
10. 80 x 20 = 1600

ANSWERS: Adding decimals with a different number of decimal places

1 Ron is adding 1.4 and 2.53

He makes each number with counters.

Ones	Tenths	Hundredths
●	● ● ● ●	
● ●	● ● ● ● ●	● ● ●

a) What is the answer to Ron's calculation?   `3·93`

b) Explain your method to a partner.

c) Did you have to make an exchange? __No__ .

2 Work out the additions.

a)
```
    3 · 0  2
+   1 · 6
  ─────────
    4 · 6  2
```

c)
```
    2 · 8
+   3 · 4  5
  ─────────
    6 · 2  5
      1
```

b)
```
  1  3 · 5
+    0 · 2  3
  ──────────
  1  3 · 7  3
```

d)
```
       6 · 1  5
+   1  3 · 9
  ──────────
  2  0 · 0  5
      1  1
```

16

© White Rose Maths 2019

3 Filip is adding two numbers together.

He writes it as a column addition.

$$
\begin{array}{r}
1\ 3 \cdot 8 \\
+\ \ 1 \cdot 9\ \ 5 \\
\hline
3 \cdot 3\ \ 3 \\
\hline
1\ \ \ 1
\end{array}
$$

a) What mistake has Filip made?

He hasn't correctly lined up his numbers
in the columns.

b) Use the column method to work out the correct answer.

$$
\begin{array}{ccccc}
 & 1 & 3 & 8 & \\
+ & & 1 & 9 & 5 \\
\hline
1 & 5 & 7 & 5 \\
\hline
 & & 1 & &
\end{array}
$$

(written as: 1 3·8 + 1·9 5 = 1 5·7 5)

4 Use the column method to work out the additions.

a) 2.36 + 1.9

$$
\begin{array}{cccc}
 & 2 & 3 & 6 \\
+ & 1 & 9 & \\
\hline
 & 4 & 2 & 6 \\
\hline
 & 1 & &
\end{array}
$$

(written as: 2·3 6 + 1·9 = 4·2 6)

b) 14.82 + 3.7

$$
\begin{array}{cccc}
1 & 4 & 8 & 2 \\
 & 3 & 7 & \\
\hline
1 & 8 & 5 & 2 \\
\hline
 & 1 & &
\end{array}
$$

(written as: 1 4·8 2 + 3·7 = 1 8·5 2)

5 Use the column method to work out the additions.

a) 0.59 + 11.9

$$
\begin{array}{r}
0 \cdot 5\ 9 \\
+\ 1\ 1 \cdot 9 \\
\hline
1\ 2 \cdot 4\ 9 \\
1
\end{array}
$$

c) 0.591 + 1.73

$$
\begin{array}{r}
0 \cdot 5\ 9\ 1 \\
+\ 1 \cdot 7\ 3 \\
\hline
2 \cdot 3\ 2\ 1 \\
1\ \ 1
\end{array}
$$

b) 77.34 + 1.82

$$
\begin{array}{r}
7\ 7 \cdot 3\ 4 \\
+1 \cdot 8\ 2 \\
\hline
7\ 9 \cdot 1\ 6 \\
1
\end{array}
$$

d) 3.2 + 1.84 + 0.931

$$
\begin{array}{r}
3 \cdot 2 \\
1 \cdot 8\ 4 \\
+\ 0 \cdot 9\ 3\ 1 \\
\hline
5 \cdot 9\ 7\ 1 \\
1
\end{array}
$$

6 Mr Hall drives from point A to point B, then on to point C.

103.6 km

72.5 km

B

C

A

What is the total distance that Mr Hall drives?

176·1 km

7 Here are four number cards.

| 3.8 | 4.19 | 0.72 | 11.46 |

a) What is the greatest total you can make by adding two of the numbers?

Complete the calculation.

$$\boxed{11 \cdot 46} + \boxed{4 \cdot 19} = \boxed{15 \cdot 65}$$

b) What is the sum of the four numbers?

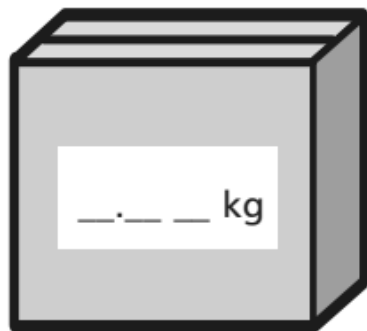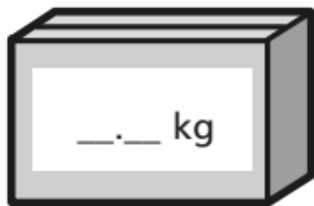$$\boxed{20 \cdot 17}$$

8 Work out the missing digits.

a) <u>2</u>4.3 + 1<u>5</u>.37 = 39.67

b) 4.8<u>5</u> + <u>7</u>.<u>8</u> = 12.65

9 The total mass of the two boxes is 10.85 kg.

What could the mass of each box be? Various answers.

___.___ kg

___.___ ___ kg

How many answers can you find?