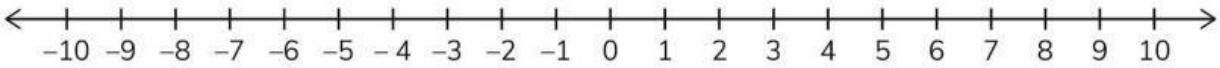
GRADE 5 – MATHS REVIEW - FINAL EXAM 1

UNIT 4A: Addition and subtraction with integers

1. Write the missing digits to make this addition calculation correct.

			3	
+		3		3
	3	0	0	0

- Use the number line to help you answer questions 2 and 3.



2. Calculate.

a −5 + 4 **b** −2 − 7 **c** 8 − 9

_____ _____ _____

3. What is the difference between these pairs of numbers?

a 8 and −2 **b** −1 and −5 **c** −3 and −5

_____ _____ _____

4. Mia completes this subtraction. Her answer is incorrect.

	7	6	0	1
−	6	5	2	1
	1	1	8	0

Correct the error.

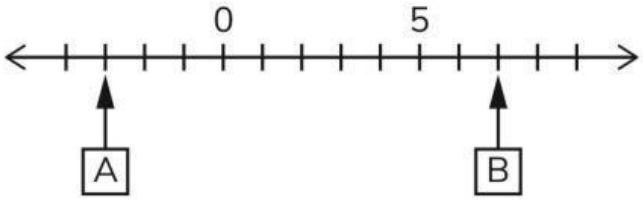
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_____

LIVEWORKSHEETS

GRADE 5 – MATHS REVIEW - FINAL EXAM 1

5. A and B are two numbers on a number line.

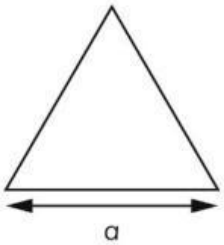


What is the difference between A and B?

---

6. The perimeter (P) in centimetres of an equilateral triangle is the sum of the lengths of the sides.

a represents the length of a side measured in centimetres.



a. Complete the number sentence.

p = _____

b. If the perimeter of the equilateral triangle is **24** cm, what is the value of *a*?

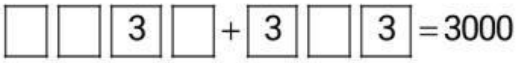
_____

LIVEWORKSHEETS

GRADE 5 – MATHS REVIEW - FINAL EXAM 1

UNIT 4B: Addition and subtraction

1. Write the missing digits to make this addition calculation correct.



2. Calculate.

a. $-9 + 4$ **b** $-8 - 7$ **c** $8 - 9$

_____ _____ _____

3. What is the difference between these pairs of numbers?

a 8 and -2 **b** -1 and -5 **c** -3 and -5

_____ _____ _____

d -6 and 3 **e** -7 and -2 **f** 0 and -4

_____ _____ _____

4. The table shows how the population of Dubai increased between 2016 and 2018.

Year	Population
2016	2 698 600
2017	2 976 455
2018	3 192 275

Source Dubai online 2020

a. What was the **increase** in population between **2016 and 2017**?

_____

LIVEWORKSHEETS

b. What was the **increase** in population between **2017 and 2018**?

---

5. The difference between two numbers is 5.

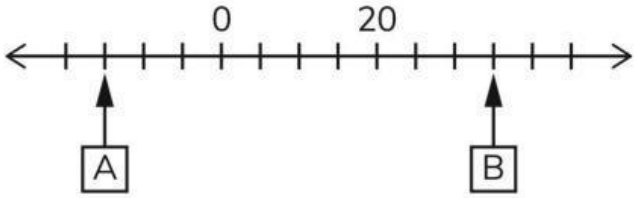
One number is −1.

What could the other number be?

_____ or _____

6. Here is part of a number line.

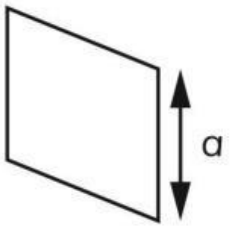
What is the difference between A and B?



LIVEWORKSHEETS

7. The perimeter (P) in centimetres of a rhombus is the sum of the lengths of the sides.

a represents the length of a side measured in centimetres.



a. Complete the number sentence.

p = _____

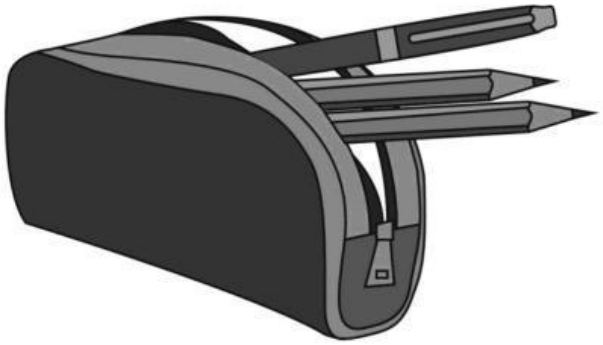
b. If the perimeter of the rhombus is 12 cm, what is the value of a?

_____

8. Olaf has a pencil case containing x pens and y pencils.

x and y represent two whole numbers from 0 to 6 inclusive.

Olaf knows that $x - y = 3$.



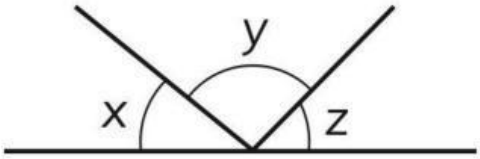
Find all the possible values for x and y.

_____

_____

LIVEWORKSHEETS

9. *x*, *y* and *z* each represent an angle measured in degrees.
The angles on a straight line add up to 180 °.



$x + y + z = 180$ °

a. If $x = 54$ ° and $y = 48$ °, what is the value of z?

_____

b. If $x = 107$ ° and $z = 40$ °, what is the value of y?

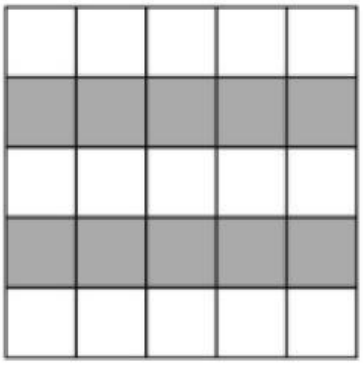
_____

c. If $y = 75$ ° and $z = 87$ °, what is the value of x?

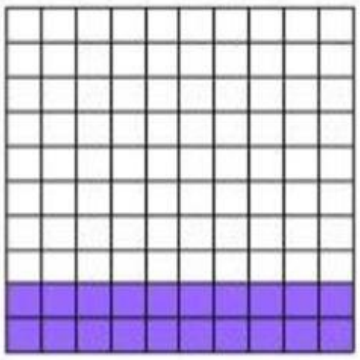
_____

UNIT 6A: Fractions and percentages

1 This square is divided into smaller squares.
Write the percentage of the square that is shaded.



_____ = ...%



_____ = ...%

LIVEWORKSHEETS

b Write the percentage as a fraction in its lowest terms.

_____ _____

2 Simplify these fractions.

$\frac{14}{22} = \frac{.....}{.....}$

$\frac{4}{56} =$

$\frac{26}{60} =$

2. Write these fractions in order of size. Start with the smallest fraction.

A. _____

B. _____

C. _____

(A)

$\frac{7}{5}$	$\frac{1}{5}$	$\frac{4}{5}$	$\frac{3}{5}$

(B)

$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{7}$

(C)

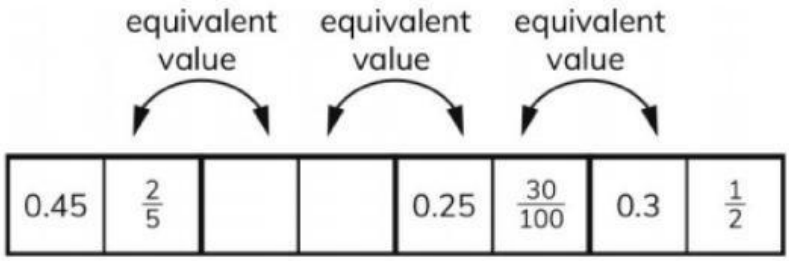
$\frac{3}{4}$	$\frac{4}{5}$	$\frac{1}{2}$	$\frac{7}{10}$

LIVEWORKSHEETS

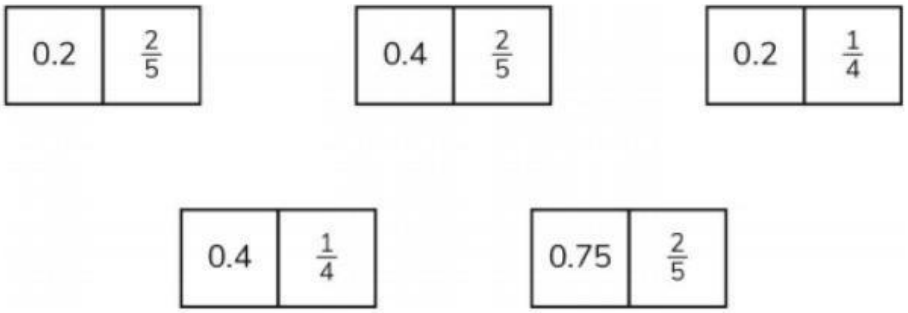
3.

Four dominoes are placed in a row.

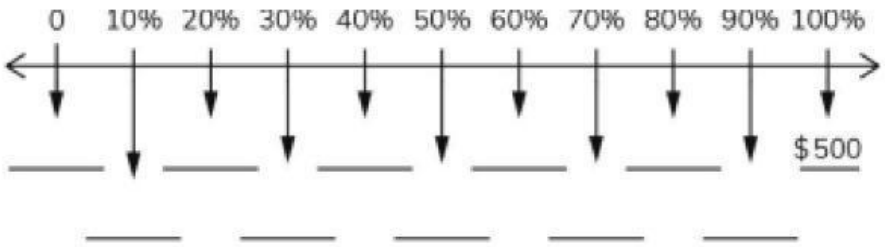
The numbers on one domino are missing.



Draw a ring around the missing domino.



4. Find 10% of the quantity, then use your answer to find 20%, 30% and so on. Write the answers under the percentages on the number line.



5. Write these numbers in order of size, starting with the smallest.

LIVEWORKSHEETS

6 Read and choose the correct words.

a.



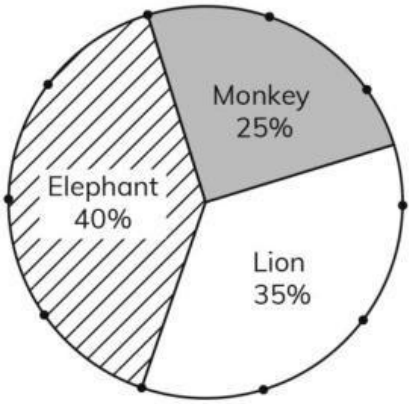
The shoes originally cost forty dollars but their price is 10% less today.
That means they cost **thirty-six / forty-four** dollars.

b.



The **percentage / fraction** of the diagram that is shaded is seventy-five.

c.



Twenty-five / forty per cent of the children like monkeys.

d $\frac{7}{10}$ is **equivalent to / more than** 70%.

e $\frac{7}{12}$ is **more than / less than** $\frac{9}{10}$.

f The **simplest form** / **simplify** of $\frac{8}{10}$ is $\frac{4}{5}$.

LIVEWORKSHEETS

UNIT 7A: Exploring measures

1 a Measure and label the lengths of the sides of this rectangle.



Draw a diagonal line to make the rectangle into two triangles.

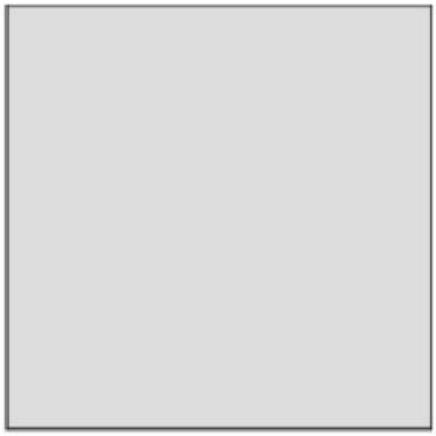
b What is the area of the rectangle?

_____

c What is the area of the triangle?

_____

2 a Measure and label the lengths of the sides of this rectangle.



Draw a diagonal line to make the rectangle into two triangles.

LIVEWORKSHEETS

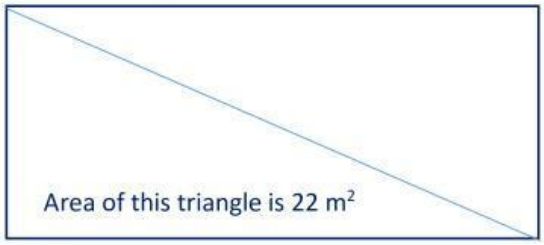
b What is the area of the rectangle?

_____

c What is the area of the triangle?

_____

d. Work out the length of the missing side

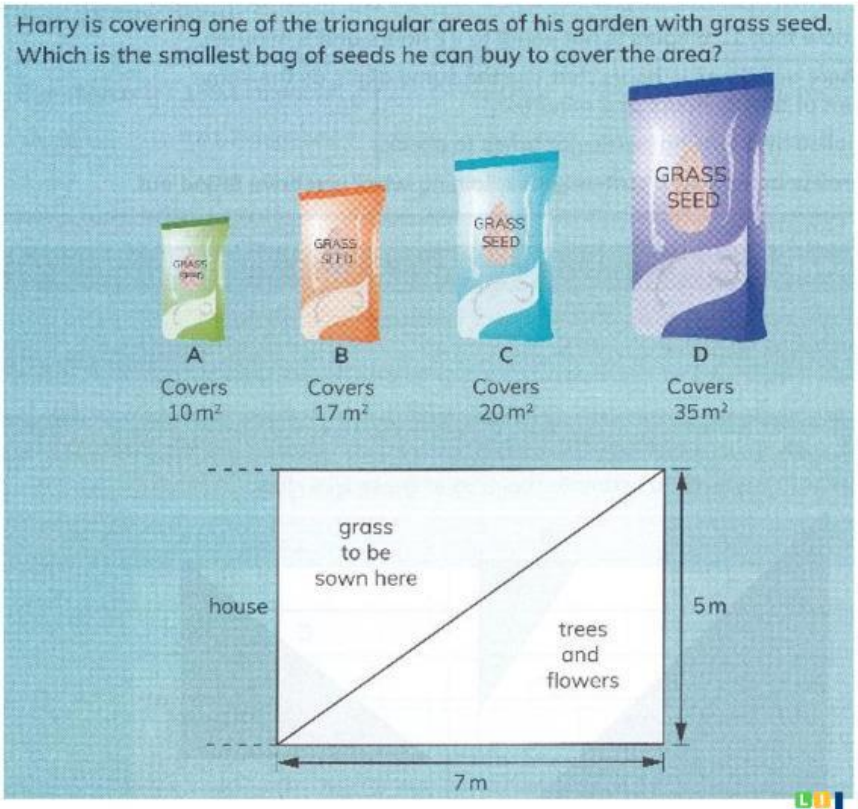


..... m



10 m

3.



LIVEWORKSHEETS

GRADE 5 – MATHS REVIEW - FINAL EXAM 1

UNIT 7 TIME

1 Convert these times from hours to hours and minutes

a 3.1 hours =..... hours and 6 minutes

b 10.3 hours =..... hours and 18 minutes

c 9.2 hours = 9 hours and .....minutes

d 12.6 hours = 12 hours and .....minutes

e 7.9 hours =..... hours and .....minutes

f 8.8 hours =..... hours and .....minutes

g 11.4 hours =..... hours and .....minutes

h 20.7 hours =..... hours and..... minutes

2. Convert these times in hours into times in days, hours and minutes.

a 25.35 hours = ...days..... hours and..... minutes

b 36.45 hours = ...days..... hours and..... minutes

c 51.85 hours = ...days..... hours and..... minutes

UNIT 8A: Addition and subtraction with decimals

1. Work out the answers to the questions and find the numbers on the grid.

8.369	4.302	2.056
7.869	5.418	12.214
13.974	4.995	12.257

LIVEWORKSHEETS

GRADE 5 – MATHS REVIEW - FINAL EXAM 1

a. 4.618 + 0.8 _____

b 0.456 + 1.6 _____

c. 3.78 + 4.589 _____

d 6.12 + 7.854 _____

e. 4.31 + 0.685 _____

f 7.57 + 4.687 _____

2 A small rowing boat can safely carry 130 kg.



The table shows the masses of five people.

Name	Fatima	Raphael	Mary	Ravi	Bob
Mass in kilograms	42.3	28.9	59.5	56.7	70.3

Can the boat safely carry Mary and Bob? _____

Explain your answer.

_____

_____

3 Use the **same** digit to complete this calculation.



LIVEWORKSHEETS

GRADE 5 – MATHS REVIEW - FINAL EXAM 1

Mark Rashid's and Meera's work.

Correct any mistakes, then set a target for each learner.

Question

These are the prices of shoes in a shop.



$12.75



$42.99

Zina buys a pair of sandals and a pair of boots.

How much change does she get from $60?

Rashid's response

60 – 12.75 + 42.99

= 55.65

Target _____

Meera's response

$$\begin{array}{r} 12.75 \\ +\ 42.99 \\ \hline 54.64 \\ \hline 1 \end{array} \qquad \begin{array}{r} 60 \\ -\ 54.64 \\ \hline 6.64 \end{array}$$

Zina gets $6.64 change

Target _____

LIVEWORKSHEETS