



Year 5 Mid-year Reasoning: Test A

Name	
Class	
Date	

1. Write these numbers in order, starting with the **lowest**.

10

-3

-11

4

-5

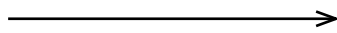
lowest

1 mark

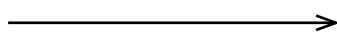
2. Write in the missing numbers.

One has been done for you.

rounded to the nearest
whole number is

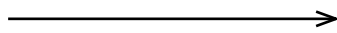


7.02



7

3.54



6.45



1 mark

3. Mia can catch different buses to get to school.

The table shows Mia's journey times from leaving home to arriving at school, for each bus.

Bus number	Leave home	Arrive at school
10	8:26	8:51
12	8:10	8:43
53	7:55	8:30
63	8:18	8:31
99	8:21	8:45

How long is Mia's journey if she catches the number 53 bus?

minutes

1 mark

4. Write what the missing numbers could be.

$$\boxed{} \times \boxed{} = 180$$

1 mark

5. Miss Smith had 150 reward stickers at the start of the year.

She gave 8 children 7 stickers each.

She gave 12 children 6 stickers each.

How many stickers **are left**?

Show
your
method

stickers

2 marks

6. Mount Everest is the highest mountain in the world.

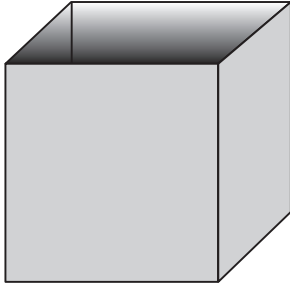
It measures **twenty-nine thousand and twenty-nine** feet.

Write its height in figures.

feet

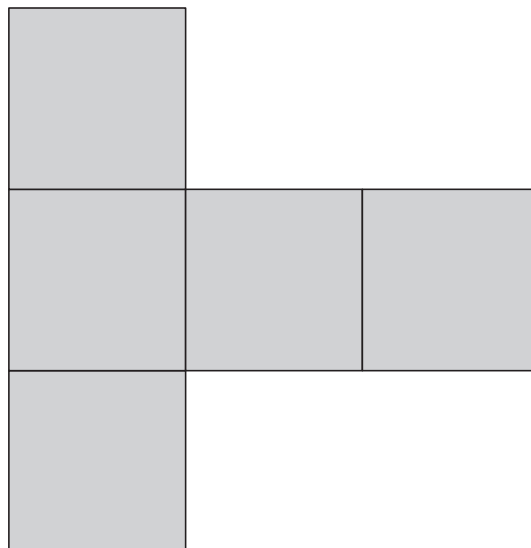
1 mark

7. Here is an **open top** cube.



Here is the net from which it is made.

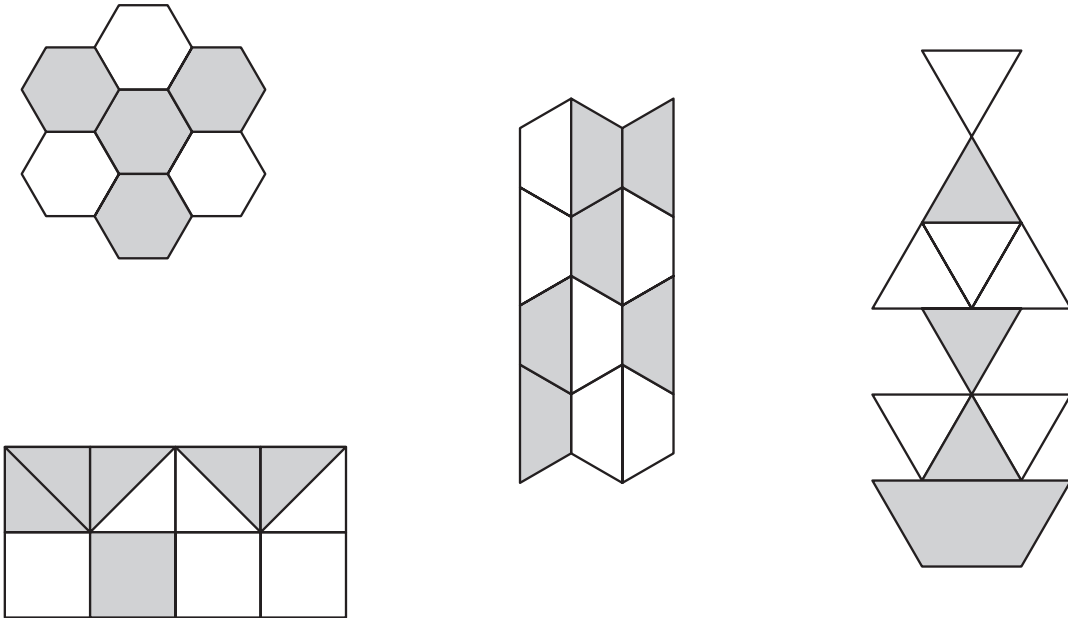
Put a tick (✓) on the square which is its **base**.



1 mark

8. Look at each picture.

Tick (✓) **all** the pictures that have exactly $\frac{1}{2}$ shaded.



2 marks

9. A shelf holds 15 books.
Jason has 56 books.

How many shelves does he need to hold **all** his books?

1 mark

Holly has 7 shelves **full** of books.

How many books does she have altogether?

1 mark

10. Circle the **two** divisions which have an answer of 4 remainder 3

$13 \div 3$

$23 \div 5$

$22 \div 6$

$31 \div 7$

1 mark

11. A juice bottle holds $\frac{3}{4}$ litre when it is full.

How many **millilitres** is this?

Tick **one**.

7.5

75

750

7,500

75,000

1 mark

12. Mia and Holly both buy 24 bags of crisps.

Mia buys 4 packs of 6 bags.



Holly buys 2 packs of 12 bags.



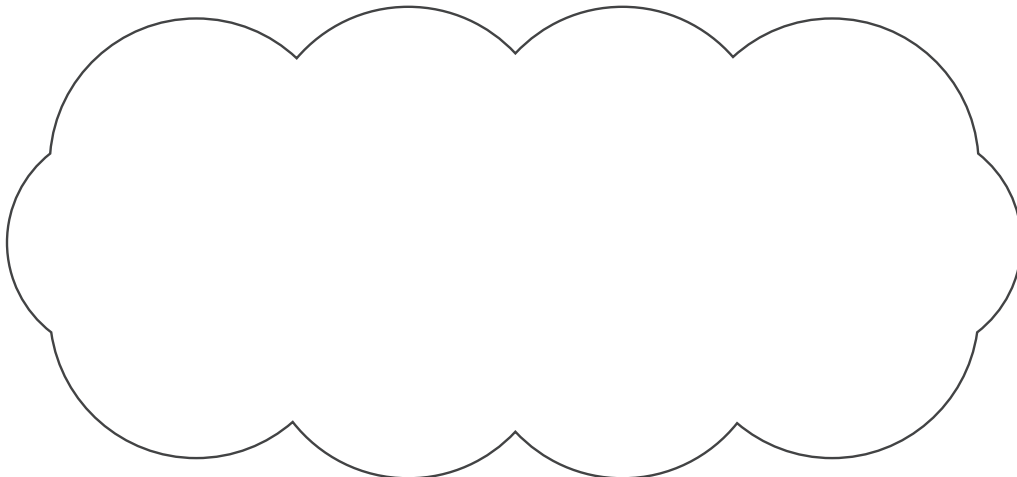
Holly says to Mia, *'You paid 60p more than me.'*

Is Holly correct?

Circle **Yes** or **No**.

Yes / No

Explain how you know.



1 mark

13. Jason lives **1.2 km** from school.
Mia lives **350 m** from school.

How much closer to school is Mia than Jason?

 m

1 mark

14. Tick (✓) **all** of the cards that show **more** than a half.

$$\frac{5}{8}$$

$$60\%$$

$$0.49$$

$$45\%$$

$$0.6$$

1 mark