

Daily 5: Day 94

Name: _____

1

Which number makes the statement true?

$$\frac{21}{60} = \underline{\hspace{1cm}} \%$$

$$\begin{array}{r} 21 \div 3 = 7 \\ 60 \div 3 = 20 \\ 7 \times 5 = 35 \\ 20 \times 5 = 100 \end{array}$$

- A 25 B 30 **C 35** D 40 E 45

2

Look at the statement below.

$$134 - b = 12.7$$

What is the value of b?

$$\begin{array}{r} 134.0 \\ - 12.7 \\ \hline 121.3 \end{array}$$

- A 111.3 B 116.3 C 119.7 **D 121.3** E 125.7

3

A class is trying to work out the height of their classroom.

The volume of the air in the room is 180 m^3 .

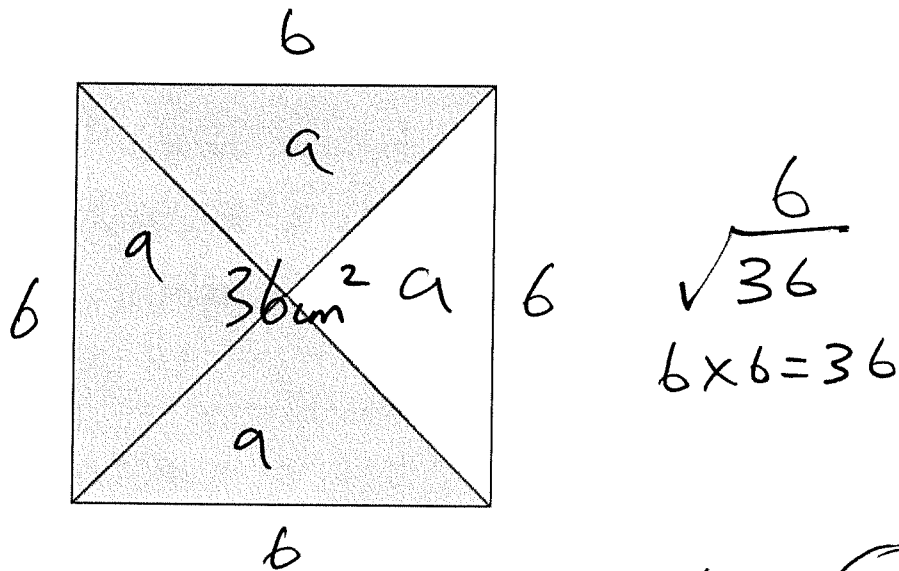
The floor space measures 5 m by 6 m.

What is the height of the classroom?

$$\begin{array}{r} 6 \times 36 = 216 \\ 5 \overline{)180} \end{array}$$

- A 3 m B 4 m C 5 m **D 6 m** E 7 m

4



The area of the unshaded part of the square is 9 cm^2 .

What is the perimeter of the square?

A 12 cm

B 16 cm

C 20 cm

D 24 cm

E 28 cm

For question 5, you have to **write your answers** in the spaces provided.

5

In a sale, items are reduced by 10% . $\frac{1}{10}$

Use this information to complete the table below.

100% 90%

Old Price	New Price
£8.00	£7.20
£22.00	£19.80
£30	£27.00

$$\times \frac{1}{10} \text{ of } 22 = £2.20$$

$$\div \frac{9}{10} \text{ of } £30 = £27$$

Inverse

$$27 \div 9 = 3$$

$$3 \times 10 = 30$$

Read the **whole** passage carefully, then answer the questions that follow.

Time to Move

1. Sophie, James, and Ethan sat on Uncle Trevor's living room floor. Uncle Trevor was moving
2. across town, and the kids were trying to decide how to work together to pack their uncle's
3. books.
4. "James, you can start putting the books into boxes," Sophie directed.
5. "No," James argued. "I think Ethan should do that. I'm the strongest, so it's best if I carry the
6. boxes to the truck after Ethan has packed them."
7. "I don't want to pack them," grumbled Ethan. "I want to watch TV."
8. "Too bad, Ethan," proclaimed Sophie. "Your job is to put the books into the boxes. Then I'll
9. tape the boxes shut, and James will carry them out."
10. "I have a better idea," Ethan declared.
11. "Ethan!" Sophie and James both said as they stood up, annoyed with their brother. "We know
12. you want to watch TV," Sophie said, "but Uncle Trevor needs your help today."
13. "I know!" Ethan responded. "I want to help. How about if you put the books into the boxes and I
14. close the boxes—but not with tape?" Ethan then dragged a box of books to the centre of the
15. living room. He folded down the flaps on the top of the box in clockwise order and finished by
16. tucking half of the last one under the first one. Then he tipped the box over on its side. The
17. flaps stayed shut, and nothing fell out. "See?" Ethan exclaimed.
18. Sophie crossed her arms and raised her eyebrows. "Fine. I guess I'll pack, then," she said.
19. Ethan smiled. He clicked the TV remote and waited for his sister to finish filling a box.

1

Which statement best expresses the main idea of the passage?

- A The children argue so much that Uncle Trevor has to ask them to leave.
- ☒ B The three children find a way to share the work and help Uncle Trevor pack.
- C Sophie refuses to let Ethan watch TV until all the boxes are packed.
- D James carries all the boxes to the truck on his own.
- E Ethan is told off by Uncle Trevor for watching TV.

2

What does Ethan do immediately after dragging the box to the centre of the room?

- A He tucks the last flap under the first one.
- B He tips the box over on its side.
- ☒ C He folds down the flaps in clockwise order.
- D He clicks the TV remote.
- E He asks Sophie to hand him the tape.

3

Which of the following is NOT supported by the passage?

- ☒ A Ethan wanted to watch TV instead of packing boxes.
- ☒ B James thought he should carry the boxes because he was the strongest.
- ☒ C Uncle Trevor was moving to another country.
- ☒ D Sophie originally suggested that Ethan should pack the books.
- ☒ E Ethan found a way to close boxes without using tape.

4

When Ethan demonstrated his box-closing method, _____.

- A James immediately tried the same technique himself.
- B Uncle Trevor came in and congratulated Ethan.
- ☒ C Sophie crossed her arms, raised her eyebrows, then agreed to do the packing.
- D The flaps sprang open and the books tumbled out.
- E Sophie praised Ethan and asked him to show James the same trick.

5

What does the phrase “Sophie crossed her arms and raised her eyebrows” suggest about how she is feeling?

- A She is confused by what Ethan has just shown her.
- B She is thrilled that Ethan has found a clever solution.
- ☒ C She is sceptical but realises she has no choice but to accept the idea.
- D She is angry with Ethan and refuses to help any further.
- E She is delighted that she does not have to use tape on the boxes.