

1

An office worker earns £16 an hour.

How much do they earn in 5 and a half hours?

- A £32 B £80 C £88 D £96 E £72
-

2

How many degrees are there in two and one quarter turns?

- A 720° B 810° C 450° D 900° E 540°
-

3

A man has a square wall to paint.

The height of the wall is 5m.

He can only buy the paint he needs in 4 litre tins, which covers 4m² of wall.

What is the least number of tins he must buy?

- A 7 B 6 C 4 D 5 E 8
-

4

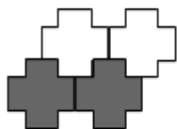
How many grams are there in 3.04 kg?

- A 340g B 3004g C 30400g D 3040g E 4400g
-

For question 5, you have to **write your answer** in the box below.

5

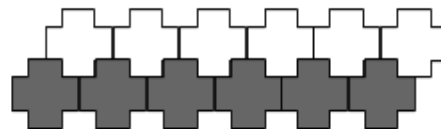
Look at the pattern below. It is made up of white and grey tiles.



Pattern 1



Pattern 2



Pattern 3

One of the patterns in the sequence has 12 grey tiles.

What is the total number of tiles in this pattern?

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

Treasure Hunt

1. When Alex first looked at the map, he thought it was just an old piece of newspaper.
2. Looking closer, however, he noticed the instructions. He ran across the beach to
3. show it to his older sister.

4. "Nina! Look at this!" he shouted, waving the map in her face. "What does it say?"
5. Nina stopped working on her sandcastle and took the map from Alex's hands. "Start
6. at the dock and take three steps toward the water," she read aloud. "Turn to the right
7. and walk 20 steps. Dig 1 foot down for the key. Alex, what is this?"

8. "It's a map for a hidden treasure!" Alex said breathlessly. He grabbed the map and
9. struggled to sound out the words, reading slowly. "Carry the key to the old
10. boathouse. Where's the boathouse, Nina?"

11. "It's over there," said Nina as she pointed toward the dock. "The instructions say to
12. look for a yellow bird cage and then find a second key. Where did you get this map,
13. Alex?"

14. Alex pointed toward a cluster of beach umbrellas. "Dad gave it to me," he said. Nina
15. thought she could see their father pretending to read while he watched them talk, but
16. he quickly ducked back behind his book. "He said a pirate gave it to him!" Alex
17. exclaimed.

18. "I see," Nina said. She thought for a moment and then smiled brightly. "Well, let's go
19. find some treasure."

1

What did Alex think the treasure map was at first?

- A a list of instructions
- B part of a beach umbrella
- C a page from his father's book
- D an old piece of newspaper
- E a letter from a pirate

2

What is the first instruction on the treasure map?

- A dig one foot down
- B start at the dock
- C look for the yellow birdcage
- D find a second map
- E carry the key to the boathouse

3 How did Alex get the treasure map?

- A His sister found it in a sandcastle.
- B A pirate gave him directions to it.
- C His father gave it to him.
- D He found it in a book.
- E Nina discovered it on the beach.

4 What does the map tell Nina and Alex to do after they find the boathouse?

- A find the first key
- B walk 20 paces to the right
- C look for a yellow birdcage
- D find a cluster of beach umbrellas
- E dig under the sandcastle

5 Why does Nina smile at the end of the story?

- A She realises the map must be fake.
- B She is excited to help Alex look for treasure.
- C She already knows where the treasure is hidden.
- D She sees their dad secretly watching them.
- E She wants to keep the map for herself.



Answers

Maths

- 1) C £88
- 2) B 810°
- 3) A 7
- 4) D 3040g
- 5) 24

English

- 1) D
- 2) B
- 3) C
- 4) C
- 5) B