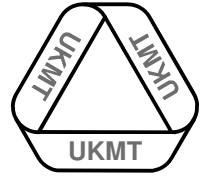


Instructions

- Time allowed: 20 minutes.
- There are 15 questions to try to answer in the time allowed.
- Each question is worth *four* marks.
- Some questions are easier than others!
- You will have to decide your team's strategy for this competition. Do you split up so that individuals work on a few questions each, or do you work in pairs on a greater number of questions? Working all together on all the questions may well take too long. You decide!
- There is only one RESPONSE SHEET per team. Five minutes before the end of the time you will be told to finalise your answers and write them on to the RESPONSE SHEET. This RESPONSE SHEET is the only thing that will be marked.
- Each answer is one of the letters: A, B, C, D or E. Write the letter that corresponds to your answer on the RESPONSE SHEET.



1. Basil wants to paint the word KANGAROO. He paints one letter each day. He starts on a Wednesday.

On what day will he paint the last letter?

- A Monday B Tuesday C Wednesday
D Thursday E Friday

2. Simon got up one and a half hours ago. In three and a half hours time he will catch the train to his grandmother's house.

How long before the train departs did Simon get up?

- A 2 hours B 3 and a half hours
C 4 hours D 4 and a half hours
E 5 hours

3. When Pinocchio lies, his nose gets 6 cm longer. When he tells the truth, his nose gets 2 cm shorter. When his nose was 9 cm long, he then told three lies and made two true statements.

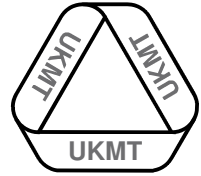
How long was Pinocchio's nose afterwards?

- A 14 cm B 15 cm C 19 cm D 23 cm
E 31 cm

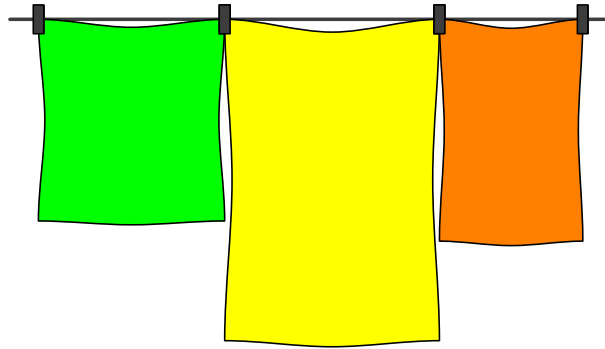
4. A clock strikes on the hour (that is, at 8:00, 9:00, 10:00 and so on) as many times as the hour. The clock also strikes once when the time is half past an hour (that is, at 8:30, 9:30, 10:30 and so on).

How many times did the clock strike between 7:55 and 10:45 this morning?

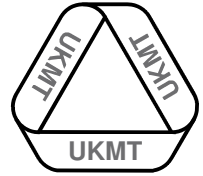
- A 6 B 18 C 27 D 30 E 33



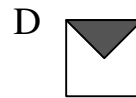
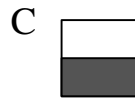
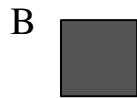
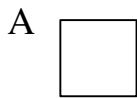
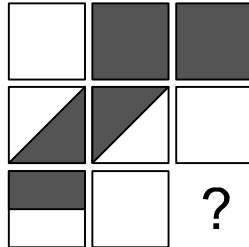
5. Father hangs the laundry in a row on a clothesline. He wants to use as few pegs as possible. For 3 towels he needs 4 pegs, as shown. How many pegs does he need for 9 towels?



- A 8 B 10 C 12 D 14 E 16
6. Three balloons cost 12 pence more than one balloon. How much, in pence, does one balloon cost?
- A 4 B 6 C 8 D 10 E 12
7. 30 children took part in two events at an adventure park. 15 of them took part in the "moving bridge" contest, and 20 of them went down the zip-wire. How many children took part in both events?
- A 30 B 25 C 15 D 10 E 5
8. Lenka paid 1 euro and 50 cents for three scoops of ice-cream. Miso paid 2 euros and 40 cents for two cakes. How much did Igor pay for one scoop of ice-cream and one cake?
- A 1 euro 70 cents B 1 euro 90 cents C 2 euro 20 cents
D 2 euro 70 cents E 3 euro 90 cents



9. Which tile must be added to the pattern so that the white area is as big as the black area?



10. In a shop you can buy oranges in boxes of three different sizes. The small box contains 5 oranges, the medium sized box contains 9 oranges, and the large box contains 10 oranges. Rachel wants to buy exactly 48 oranges. What is the lowest number of boxes she can buy?

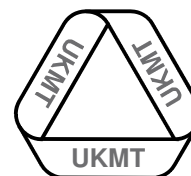
A 8

B 7

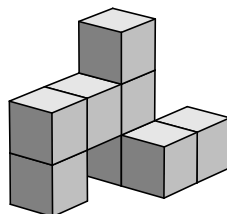
C 6

D 5

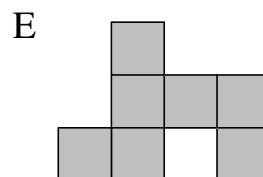
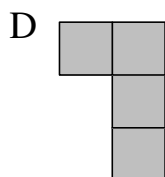
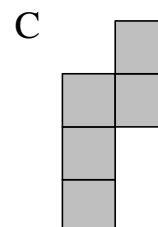
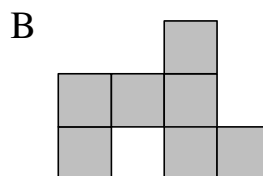
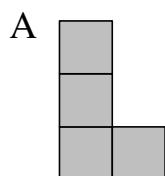
E 4



11. The solid in the picture was made by sticking eight equal cubes together.



What does this solid look like from above?



12. There are thirteen coins in Ben's pocket. Each is either a 5 cents coin or a 10 cents coin.

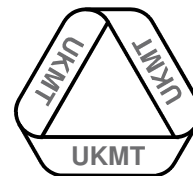
Which of the following cannot be the total value of Ben's coins?

A 80 cents
E 125 cents

B 60 cents

C 70 cents

D 115 cents



13. Ann, Bob, Cleo, Dido, Erin, and Fred each roll a die. They all get different numbers.

The number Ann rolled is twice Bob's number.
The number Ann rolled is three times Cleo's.
The number Dido rolled is four times Erin's.

What number did Fred roll?

- A 2 B 3 C 4 D 5 E 6

14. A quiz show has the following rules.

Each participant starts with 10 points.
Each participant answers 10 questions.
For a correct answer 1 point is added.
For an incorrect answer 1 point is taken away.

Mr Roundtree had 14 points at the end of the quiz show.

How many incorrect answers did he give?

- A 3 B 4 C 5 D 6 E 7

15. During a party, each of two identical cakes was divided into four equal parts. Then each of these parts was divided into three equal slices. Each person at the party got a slice of cake and three slices were left over.

How many people were at the party?

- A 24 B 21 C 18 D 27 E 13

TEAM NUMBER

SCHOOL NAME

1	6	11
2	7	12
3	8	13
4	9	14
5	10	15

Award 4 marks for a correct answer.
 Circle the mark awarded for each question and cross out the other.

FINAL SCORE /60