

Year 6  
Mental Maths



# Instructions

- Read each question carefully and attempt to answer in the time limit suggested.

**5 second response**

## Question 1

Round 28.43 to the  
nearest whole number

## Question 2

What is the square root  
of 64?

## Question 3

How many grams are equivalent to 2.8kg?

## Question 4

What is the sum of the angles within a triangle?

## Question 5

Write the number nine thousand and nine in figures.



**10 second response**

## Question 6

Rulers cost 28p each.  
How much would two  
rulers cost?

## Question 7

Which number would  
you add to 650 to  
make 1000?

## Question 8

Which number  
multiplied by itself  
equals 49?

## Question 9

A bag of sweets costs  
14p. How much would  
five bags cost?

## Question 10

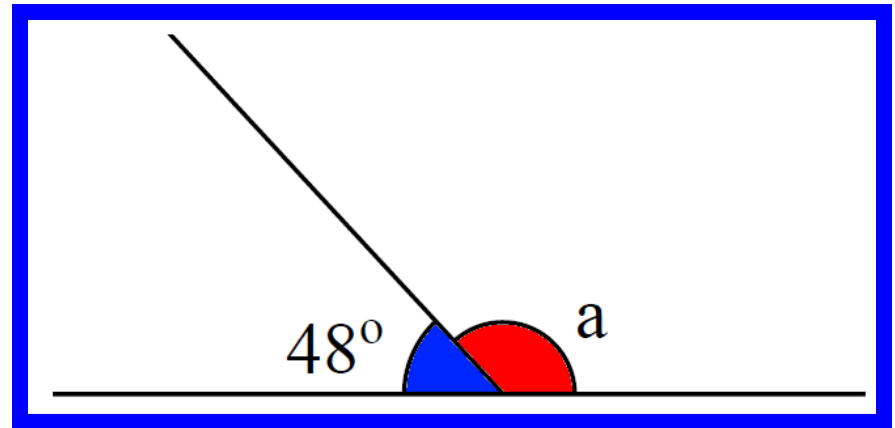
A rectangle measures  
12cm x 4cm. What is  
its area?

## Question 11

What is half of 7600?

# Question 12

What is the  
size of angle  
A?



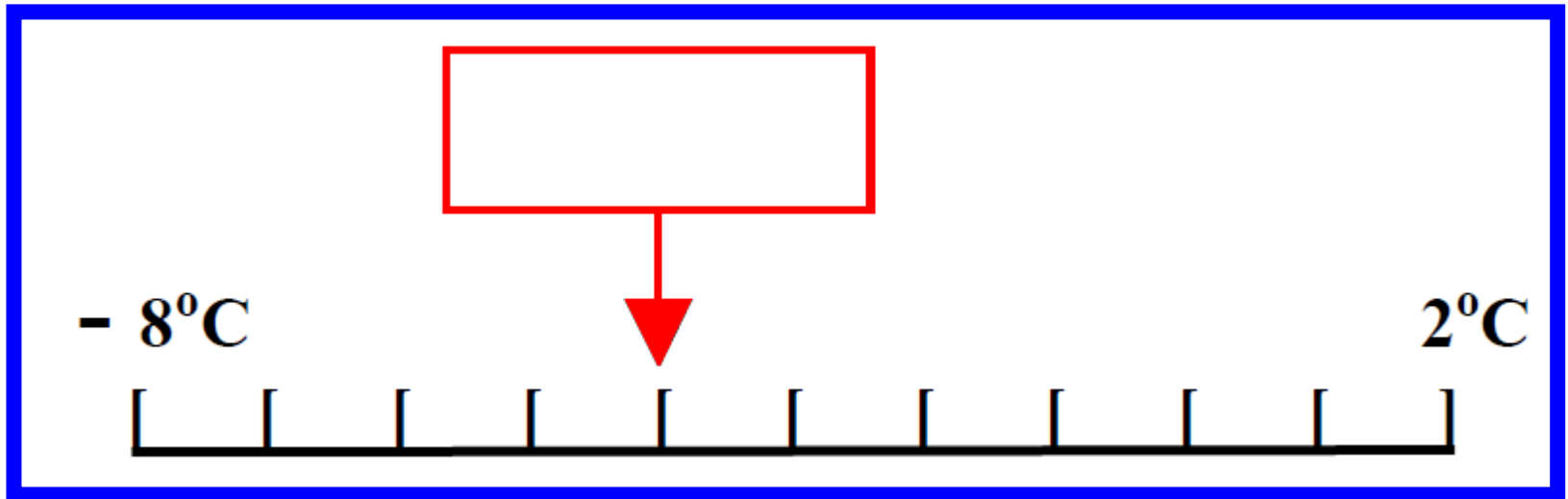


## Question 13

How many 11p sweets  
can you buy for £1?

# Question 14

What temperature is shown on the thermometer?



## Question 15

What is 35 less than  
100?

**15 second response**

## Question 16

Look at the numbers in the box. Which number is a multiple of 7?

**15**

**27**

**72**

**63**

**36**

## Question 17

In a money box there are thirteen fifty pence pieces. Write down the total amount in the money box.

## Question 18

Which is the largest quantity?

$\frac{1}{2} \text{ l}$

**50 ml**

**450 ml**

**800 ml**

# Question 19

Look at the timetable on your answer sheet. A train leaves Manchester at 11:15 and arrives in Eccles at 11:28. How long did the journey take?

**Depart 11:15**

**Arrive 11:28**



# Question 20

**Multiply 40 by 80**

# 5 Second Answers

1. Round 28.43 to the nearest whole number  
**(28)**
2. What is the square root of 64? **(8)**
3. How many grams are equivalent to 2.8kg?  
**(2800g)**
4. What is the sum of the angles within a triangle? **(180°)**
5. Write the number nine thousand and nine in figures. **(9,009)**

# 10 Second Answers

6. Rulers cost 28p each. How much would two rulers cost? **(56p)**
7. Which number would you add to 650 to make 1000? **(350)**
8. Which number multiplied by itself equals 49? **(7)**
9. A bag of sweets costs 14p. How much would five bags cost?  
**(70p)**
10. A rectangle measures 12cm x 4cm. What is its area?  
**(48cm<sup>2</sup>)**
11. What is half of 7600? **(3800)**
12. What is the size of angle A marked on your answer sheet?  
**(132°)**
13. How many 11p sweets can you buy for £1? **(9)**
14. Look at your answer sheet. What temperature is shown on the thermometer? **(-4°)**
15. What is 35 less than 100? **(65)**

# 15 Second Answers

16. Look at the numbers in the box on your answer sheet. Which number is a multiple of 7? **(63)**
17. In a money box there are thirteen fifty pence pieces. Write down the total amount in the money box **(£6.50)**
18. Put a ring around the largest quantity on your answer sheet **(800ml)**
19. Look at the timetable on your answer sheet. A train leaves Manchester at 11:15 and arrives in Eccles at 11:28. How long did the journey take? **(13 mins)**
20. Multiply 40 by 80 **(3200)**