



CTSC MATHS THINKER



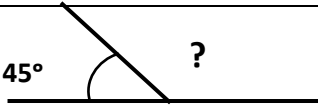

Grade 6 - Mental Maths

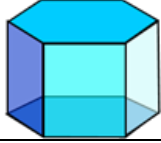
This week we will be doing a bit of MENTAL MATHS with the Grade 6 learners. Scroll through the images for the questions and images linked to the questions.

QUESTIONS:

1. Which of these numbers is not a multiple of 6? – 36, 42, 46, 54, 60, 72
2. Solve $3x = 24$
3. What is the missing angle? (See image)
4. Akhona sells 40 sweets and makes R32. How much did she sell each sweet for?
5. Identify the acute angles. How many are there? (See image)
6. A border collie runs at 30 km per hour for 30 minutes. How far has it run?
7. $0,25 + 0,5 + \underline{\hspace{1cm}} = 1$
8. If $x = 4$, what is the value of $(3x + 9) \div 3$
9. The perimeter of a rectangle is 12 cm. The area is 5 cm^2 . What is the length of the sides?
10. $1746 \div 100 =$
11. $68,93 = 68 + 0.9 + \underline{\hspace{1cm}}$
12. The time is 12:00am. What is the 24-hour clock time?
13. $\frac{3}{5}$ of 25
14. Write down all the prime numbers between 20 and 30
15. Add up all the odd numbers between 32 and 38
16. A scale model of a locomotive is made with a ratio of 1:50. The length on the scale model is 5 cm. How long is the actual locomotive?
17. Convert $\frac{18}{5}$ to a mixed number.
18. $\frac{1}{4} + \frac{1}{8} =$
19. How many edges? (See image)
20. How many cups (250ml) makes 5 litres?

MEMORANDUM

Question	Answer
1. Which of these numbers is not a multiple of 6? 36 42 46 54 60 72	46
2. Solve $3x = 24$	8
3. What is the missing angle? 	135°
4. Akhona sells 40 sweets and makes R32. How much did she sell each sweet for?	80c
5. Identify the acute angles. How many are there? 	2 acute angles
6. A border collie runs at 30 km per hour for 30 minutes. How far has it run?	15 km

7. $0,25 + 0,5 + \underline{\quad\quad} = 1$	0,25
8. If $x = 4$, what is the value of $(3x + 9) \div 3$	7
9. The perimeter of a rectangle is 12 cm. The area is 5 cm^2 . What is the length of the sides?	1 cm and 5 cm
10. $1746 \div 100$	17,46
11. $68,93 = 68 + 0,9 + \underline{\quad\quad}$	0,03
12. The time is 12:00am. What is the 24-hour clock time?	00:00
13. $\frac{3}{5}$ of 25	15
14. Write down all the prime numbers between 20 and 30	23, 29
15. Add up all the odd numbers between 32 and 38	$33 + 35 + 37 =$ 105
16. A scale model of a locomotive is made with a ratio of 1:50. The length on the scale model is 9 cm. How long is the actual locomotive?	450 cm or 4m 50cm
17. Convert $\frac{18}{5}$ to a mixed number.	$3\frac{3}{5}$
18. $\frac{1}{4} + \frac{1}{8} =$	$\frac{3}{8}$
19. How many edges? 	18
20. How many cups (250ml) makes 5 litres?	20