

**Year 5 Zonal 2024**

1. What is the value of 35 twenty-cent coins? Give your answer in dollars

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2. What is three thousand and twenty-eight in numerals?

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3. A lesson finished at 10.10 am. The duration of the lesson was 55 minutes. At what time did the lesson start? Mention am/pm in your answer.

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4. Taxi fares in a country are charged at the rate of 10 cents for every 100 metres plus a flat charge of \$2.00. What is the total fare, in dollars, for a journey 1000 m long?

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5. A bus carries 60 students. How many buses are needed to take 480 students to a sports stadium?

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6. Which number is 20 less than four times 198?

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7. It takes 2 oranges to make a glass of orange juice. How many oranges are needed to make 12 glasses of juice?

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8. Last week at my juice stand I sold \$50 worth of lemon juice, but I had spent \$20 on lemons and \$10 on sugar. Find my total profit for the week.

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9. Find the next number in the sequence:

2, 4, 8, 16, 32, \_\_\_\_\_

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10. Calculate the area of a rectangle, in  $\text{cm}^2$ , with length = 9 cm and width = 6 cm.

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11. The perimeter of a square is 7.84 cm.

Find the length of the side of the square in cm.

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12. How much change will you get from \$50 if you buy 7 bottles of juice at 95 c per bottle, 2 packets of biscuit at 60 c per packet and 4 kg of potatoes at \$1.95 per kg?

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13. A bicycle is advertised for sale at \$300 cash or 10 monthly repayments of \$50.

By paying cash how much , in dollars, you would save?

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14. How many 250 millilitres glasses of orange juice can be filled from a bottle with 2500 millilitres of orange juice?

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15. A fish tank in the shape of a rectangular prism is 70 cm long 30 cm wide and 20 cm high.  
Find its volume in  $\text{cm}^3$ ?

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16. Simplify  $\frac{1}{4} + \frac{3}{8}$

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17. A car travels at 50km/h. How far will it go in 2 hours?

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18.  $258\text{m}^2$  of land was divided up into 6 equal paddocks. What is the area of each paddock in  $\text{m}^2$ ?

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19. The sum of two consecutive whole numbers is 15. Find the smallest number.

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20. A class of 23 students has 3 more boys than girls. How many girls are in this class?

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