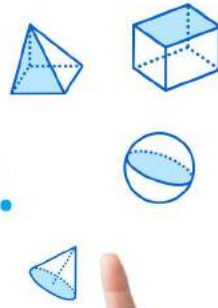


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8th Grade Division Problems Worksheets

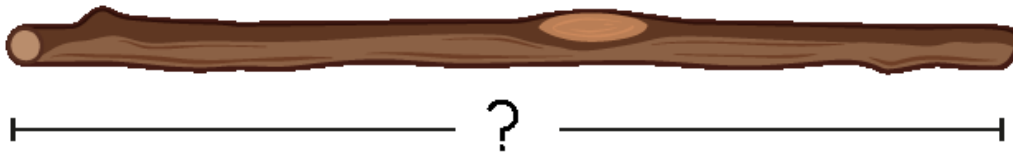
Questions

Q1. Divide:

a. $\frac{523.2}{1000} = \dots$

b. $\frac{257.9}{1000} = \dots$

Q2. Jack cut a wooden rod 18.46 m long into 10 equal pieces. What is the length of each piece of the rod?



Q3. Jack bought 78.6 lbs of rice. He transfers the rice equally into 7 bags. There were 8.6 lbs of rice leftover. What was the mass of rice in 1 bag?

Q4. A family consumes 0.6 kg more sugar in April than in March. If the family consumes 36.6 kg of sugar in these two months, how many kilograms of sugar did they consume in March?

Q5. Divide

a. $59.8 \div 8 =$

b. $50.0 \div 8.8 =$

Q6. Evaluate

a. $7\frac{3}{8} \div \frac{7}{8} =$

b. $7\frac{1}{5} \div 4\frac{4}{5} =$

Q7. Evaluate

a. $99\% \text{ of } X = 374$

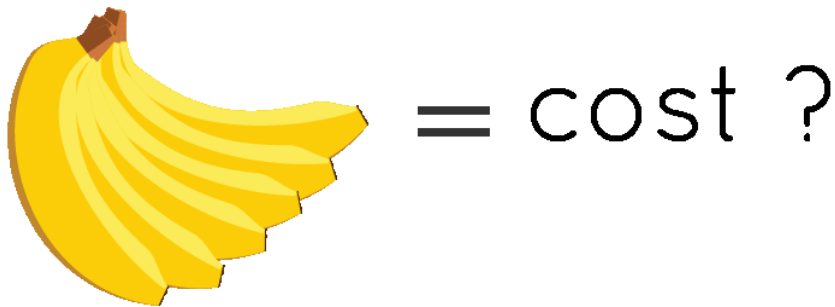
b. $16\% \text{ of } Y = 729$

Q8. In 10 rows there are 370 students. find how many students are there in each row?

Q9. If 19 is multiplied by a number the product becomes 384, find the value of that number.

Q10. 65 is what percent of 365?

Q11. In a mart, 10 bananas cost \$12. What is the price of 1 dozen bananas?



Q12. Simplify: $\frac{80r^5}{10r^4}$

Q13. Evaluate the value of x, if $x = \frac{1.5 \times 10^{-6}}{2.5 \times 10^8}$

Q14. Raven has a set of 16 sticks. If Raven lays all sticks together end-to-end the length of the pencils becomes 5m long. What is the length of each stick?

Q15. Solve algebraic expression: $\frac{(zx-z)(z+zx)}{z}$

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ANSWERS

1 a) 0.5232	1 b) 0.2579	1 c) 5.308	1 d) 0.009099	2) 1.846 m
3) 10 lbs	4) 0.6 kg.	5 a) 6.225	5 b) 10.04	6 a) 8.42
6 b) 1.5	7 a) 370.26	7 b) 116.64	8) 37	9) 20.21
10) 17.80%	11) \$1.2	12) $8 \times g$	13) 6×10^{-15}	14 312.5 mm.
15) $(x-1)(1+x)$				

FUN FACT

1. When we divided a number by 0, we get an undefined result.
2. When a number is divided by infinity or infinite, we get 0 as the result.
3. In 1845, De-Morgan introduced / as the alternate sign for the division.

