

Division Quiz 1

ONLY solve Questions #1-10 IF this is a division question. IF you solve this question, make sure you look for the correct division sentence.

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* Required

1) Ike has 32 toys to sell at a garage sale. Ike is putting 8 toys on each table. 1 point
How many tables will he need? *

- This is not a division question; I do not need to solve it.
- $32 + 8 = 4$ tables.
- $32 \div 8 =$ there will be 4 tables.
- $32 \div 4 \div 4 =$ there will be 4 tables.
- $32 - 8 =$ there will be 4 tables.

2) Thames has 48 muffins to sell at a bake sale. Thames has 8 times as many muffins as Haris. How many muffins does Haris have? * 1 point

- This is not a division question; I do not need to solve it.
- $8 \times 48 = 6$ muffins.
- $8 \div 6 =$ He has 6 muffins.
- $48 \div 8 =$ Andy has 6 muffins.
- $8 + 48 = 6$ muffins.



3) There are 40 apples on 8 plates. There are equal numbers on each plate. 1 point
How many apples are on each plate? *

- This is not a division question; I do not need to solve it.
- $40 \times 8 = 5$ apples on each plate.
- $40 \div 8 = 5$ apples.
- $40 \div 2 = 5$ apples on the plates.
- $8 \times 8 \times 8 \times 8 \times 8 = 5$ apples.

4) 4 children want to share \$36 equally. How much would each child get? * 1 point

- This is not a division question; I do not need to solve it.
- $36 \times 4 = 9$ dollars each.
- $36 + 4 = 9$ dollars each.
- $36 \div 4 = 9$.
- $4 \div 36 = 9$ dollars for each child.

5) A family has 3 times as many children as another family. The larger family has 9 children. How many children are in the smaller family? *

- This is not a division question; I do not need to solve it.
- $9 \div 3 = 3$ children in the smaller family.
- $9 \times 3 = 3$ children.
- $3 + 3 + 3 = 9$ children.
- $6 - 3 =$ there was 3 children.



6) The teacher divided our group of 8 students in half into 2 equal groups. 1 point
How many were in each group? *

- This is not a division question; I do not need to solve it.
- $8 \times 2 = 16$ per group.
- $8 \div 2 = 4$ in both groups.
- $2 \times 4 = 8$.
- $8 - 4 = 4$ in each group.

7) There were 8 oranges to be put onto plates, each holding 1 orange. How 1 point
many plates were needed? *

- This is not a division question; I do not need to solve it.
- $1 \times 8 =$ there will be 8 plates.
- $1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 = 8$ plates holding oranges.
- $8 \times 1 = 0$ plates were needed.
- $8 \div 1 = 8$ plates

8) Claire has 18 posters. He has 2 times as many posters as his sister. How 1 point
many posters does her sister have? *

- This is not a division question; I do not need to solve it.
- $18 \times 2 = 36$ posters.
- $18 \div 3 = 6$ posters.
- $18 \div 2 =$ She has 9 posters.
- $18 + 2 =$ she has 20 posters.



9) Kenneth has \$20, which is 4 times as much as Sayumi. How much money does Sayumi have? *

- This is not a division question; I do not need to solve it.
- $20 \times 4 =$ She has 80 dollars.
- $20 - 4 =$ She has \$16.
- $20 \div 4 =$ she has 5.
- $5 \div 4 =$ she has \$20.

10) There are 25 students in Miss Toh's and Miss Gauthier's class. She called them up 5 at a time, to get new books. How many groups did the teacher call? *

- This is not a division question; I do not need to solve it.
- $5 + 5 + 5 + 5 + 5 = 5$ groups.
- $25 \div 5 =$ she will have 5 groups.
- $24 \div 4 =$ she will have 5 groups.
- $5 \div 5 \div 5 \div 5 \div 5 =$ she will have 5 groups of students.

Answer true or false for questions 11-15.



11) Answer true or false to the statement. *

1 point

Statement 1

To figure out $18 \div 3$, you could break 18 into parts, divide each part by 3, and add the answers, like this:

$$\begin{aligned} 18 &= \underline{15} + \underline{3} \\ 18 \div 3 &= \underline{15} \div 3 + \underline{3} \div 3 \\ &= 5 + 1 \\ &= 6 \end{aligned}$$

So, $18 \div 3 = 6$.

true

false

12) Answer true or false to the statement. *

1 point

Statement 2

To figure out $81 \div 9$, you could ask yourself this question:

“What number can I multiply by 9 to get 81?”

So, if $9 \times \underline{9} = 81$, then $81 \div 9 = \underline{9}$.

true

false

13) Answer true or false to the statement above. *

1 point

Statement 3

To figure out $63 \div 9$, you could increase 63 by 1, decrease 9 by 1, and divide $64 \div 8$ instead, like this:

$$\begin{aligned} 63 \div 9 &\rightarrow 64 \div 8 = 8 \\ \text{So, } 63 \div 9 &= 8. \end{aligned}$$

true

false



14) Answer true or false to the statement. *

1 point

Statement 4

Since $4 \times 8 = 32$, then $32 \div 4 = 8$ and $32 \div 8 = 4$.

- true
- false

15) Answer true or false for the statement. *

1 point

Statement 5

To figure out $48 \div 8$, you could divide half of 48 by half of 8, and double the answer, like this:

$$48 \div 8 \rightarrow 24 \div 4 = 6 \rightarrow 2 \times 6 = 12$$

So, $48 \div 8 = 12$.

- true
- false

Solve for Questions 16-20. Write your answer using numbers.

16) $36 \div 4 = \underline{\hspace{2cm}}$ *

1 point

Your answer

17) $81 \div 9 = \underline{\hspace{2cm}}$ *

1 point

Your answer



18) $24 \div 8 =$ _____ *

1 point

Your answer

19) $28 \div 7 =$ _____ *

1 point

Your answer

20) $30 \div 5 =$ _____ *

1 point

Your answer

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