

NAME: _____

GRADE 3: PRE TEST Unit 4

- 1) The gym teacher separated the class into 4 teams. There are 6 students on each team.
How many students are there altogether? 3.OA.1/ 3.OA.3

Number model:

Number Of Teams	Students Per Team	Total Number Of Students

Answer: _____
(unit)

- 2) Draw an array to represent the story problem above. 3.OA.3

- 3) Write a multiplication equation for the picture below. 3.OA.1



Number Model: _____

3.OA.1

- 4) Write a word problem in which a total number of objects can be expressed as 3×6 .

- 5) Draw an array and write a solution to your story problem in question 4.

3.OA.1

Array:

Answer: _____

Carrie had 20 stickers to share equally among her 4 friends. How many stickers does each friend get? Which number sentence (equation) models this problem?

3.OA.2/ 3.OA.3

- | | | | |
|----|--------------------|-----|----|
| 6) | $20 \times 4 = 80$ | Yes | No |
| 7) | $4 \div 20 = 5$ | Yes | No |
| 8) | $20 \div 4 = 5$ | Yes | No |

- 9) Lisa and Matt shared 12 pencils equally. How many pencils does each child get? 3.OA.2

Draw a model to show your work.

Answer: _____

- 10) Write a word problem that represents the equation $30 \div 5 = \underline{\quad}$. 3.OA.2

In which equation(s) is the missing number 3? 3.OA.4

11) $2 \times \underline{\quad} = 8$ Yes No

12) $27 \div \underline{\quad} = 9$ Yes No

13) $15 = \underline{\quad} \times 5$ Yes No

- 14) Write two factors that have a product of 24. (Both numbers must be greater than one).

3.OA.4

_____ and _____

15)

$$7 \times \underline{\quad} = 70$$

3.OA.4

What's the missing factor? Explain your reasoning.

Find the product.

3.OA.7

16) $2 \times 6 = \underline{\quad}$

17) $4 \times 4 = \underline{\quad}$

18) $5 \times 7 = \underline{\quad}$

19) $6 \times 10 = \underline{\quad}$

20) $4 \times 8 = \underline{\quad}$

Is 3 the unknown number in the equation(s) below?

3.OA.6

21) $18 \div \underline{\quad} = 6$

Yes

No

22) $5 = 12 \div \underline{\quad}$

Yes

No

23) $21 \div \underline{\quad} = 8$

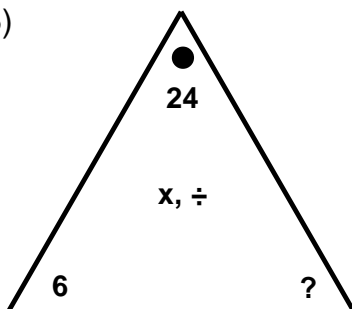
Yes

No

24) Use the numbers 2, 7, and 14 to write the number models for the multiplication/division fact family.

3.OA.6

25)



3.OA.6

What is the missing number? Explain how you found it.
