

Name _____

8. Alicia says that $6 \div 2 + 5$ is the same as $5 + 6 \div 2$.

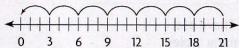
Is Alicia correct or incorrect? Explain.

Alice is correct; possible answer: According to the order of operations, you divide before you add. So, when division is first in the problem, $6 \div 2 + 5 = 3 + 5 = 8$. When addition is first and division is second, you still divide first. $5 + 6 \div 2 = 5 + 3 = 8$. Either way, the value is the same.

9. Keith arranged 40 toy cars in 8 equal rows. How many toy cars are in each row?

5 toy cars

10. Bella made \$21 selling bracelets. She wants to know how many bracelets she sold. Bella used this number line.



Write the division equation that the number line represents.

21 \div 3 = 7

11. Each picnic table seats 6 people. How many picnic tables are needed to seat 24 people? Explain the strategy you used to solve the problem.

4 picnic tables; possible explanations: students may use a related multiplication fact, do repeated subtraction, or make equal groups.

12. Finn bought 2 packs of stickers. Each pack had the same number of stickers. A friend gave him 4 more stickers. Now he has 24 stickers in all. How many stickers were in each pack? Explain how you solved the problem.

10 stickers; Possible explanation: I drew 24 stickers and crossed out 4 to show the stickers the friend gave him; $24 - 4 = 20$. Then I divided 20 stickers into 2 equal groups of 10.

13. Ana used 49 strawberries to make 7 strawberry smoothies. She used the same number of strawberries in each smoothie. How many strawberries did Ana use in each smoothie?

7 strawberries

14. For numbers 14a–14e, use the order of operation to select True or False for each equation.

14a. $81 \div 9 + 2 = 11$ True False

14b. $6 + 4 \times 5 = 50$ True False

14c. $10 + 10 \div 2 = 15$ True False

14d. $12 - 3 \times 2 = 6$ True False

14e. $20 \div 4 \times 5 = 1$ True False

15. A flower shop sells daffodils in bunches of 9. It sells 27 daffodils. How many bunches of daffodils does the shop sell?

3 bunches