

Independent Practice

Multiply. Use the Associative Property.

4. $6 \times 1 \times 5 =$ _____

5. $2 \times 2 \times 7 =$ _____

6. $7 \times 5 \times 2 =$ _____

7. $10 \times 2 \times 5 =$ _____

8. $9 \times 3 \times 3 =$ _____

9. $6 \times 2 \times 2 =$ _____

10. $2 \times 3 \times 7 =$ _____




11. $9 \times 2 \times 4 =$ _____

12. $5 \times 1 \times 10 =$ _____

Compare. Use $>$, $<$, or $=$.

13. $4 \times 2 \times 9$ ○ $7 \times 4 \times 2$

14. $6 \times 2 \times 6$ ○ $5 \times 2 \times 8$

Find the value of each number sentence
if  = 2,  = 3, and  = 4.

15. $5 \times 1 \times \text{star} =$ _____

16. $6 \times \text{sun} \times 3 =$ _____

17. $\text{smiley face} \times 3 \times \text{star} =$ _____

Algebra Find the unknown number.

18. $4 \times \blacksquare \times 1 = 12$

$\blacksquare =$ _____

19. $2 \times 5 \times \blacksquare = 60$

$\blacksquare =$ _____

20. $\blacksquare \times 3 \times 4 = 24$

$\blacksquare =$ _____



Problem Solving

Write a number sentence to solve.

21. Gabriel is training for a race. On days that he jogs, he jogs 2 miles. His exercise schedule is shown. How many miles will he jog in 6 weeks?

Exercise Schedule	
Day	Activity
Monday	jog
Tuesday	jog
Wednesday	basketball
Thursday	jog
Friday	basketball
Saturday	jog
Sunday	rest

22. **Mathematical PRACTICE 4 Model Math** Bianca bikes 2 miles to her grandfather's house and 2 miles back to her house 5 times each month. How many miles does she bike each month?

My Work!



HOT Problems

23. **Mathematical PRACTICE 2 Reason** Circle the equation that does not belong with the other three. Explain.

$4 \times \blacksquare \times 7 = 56$

$5 \times 2 \times \blacksquare = 40$

$\blacksquare \times 3 \times 9 = 54$

$4 \times \blacksquare \times 5 = 40$

24. **? Building on the Essential Question** How does the Associative Property of Multiplication help you to calculate products mentally?
