

Name _____

Divide by 8

COMMON CORE STANDARD CC.3.OA.4

Represent and solve problems involving multiplication and division.

Find the unknown factor and quotient.

1. $8 \times \underline{4} = 32$ $32 \div 8 = \underline{\quad}$

2. $3 \times \underline{\quad} = 27$ $27 \div 3 = \underline{\quad}$

3. $8 \times \underline{\quad} = 8$ $8 \div 8 = \underline{\quad}$

4. $8 \times \underline{\quad} = 72$ $72 \div 8 = \underline{\quad}$

Find the quotient.

5. $\underline{\quad} = 24 \div 8$ 6. $40 \div 8 = \underline{\quad}$ 7. $\underline{\quad} = 56 \div 8$ 8. $14 \div 2 = \underline{\quad}$

9. $8 \overline{)64}$

10. $7 \overline{)28}$

11. $8 \overline{)16}$

12. $8 \overline{)48}$

Find the unknown number.

13. $16 \div p = 8$ 14. $25 \div \blacksquare = 5$ 15. $24 \div a = 3$ 16. $k \div 10 = 8$

$p = \underline{\quad}$

$\blacksquare = \underline{\quad}$

$a = \underline{\quad}$

$k = \underline{\quad}$

Problem Solving 

17. Sixty-four students are going on a field trip. There is 1 adult for every 8 students. How many adults are there?

18. Mr. Chen spends \$32 for tickets to a play. If the tickets cost \$8 each, how many tickets does Mr. Chen buy?

Lesson Check (CC.3.OA.4)

- Mrs. Wilke spends \$72 on pies for the school fair. Each pie costs \$8. How many pies does Mrs. Wilke buy for the school fair?
 - (A) 6
 - (B) 7
 - (C) 8
 - (D) 9
- Find the unknown factor and quotient.

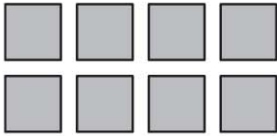
$$8 \times \blacksquare = 40$$

$$40 \div 8 = \blacksquare$$
 - (A) 4
 - (B) 5
 - (C) 6
 - (D) 7

Spiral Review (CC.3.OA.3, CC.3.OA.4, CC.3.OA.5)

- Find the product. (Lesson 4.6)

$$(3 \times 2) \times 5$$
 - (A) 6
 - (B) 10
 - (C) 20
 - (D) 30
- Which of the following has the same product as 4×9 ? (Lesson 3.6)
 - (A) 3×8
 - (B) 9×4
 - (C) 5×6
 - (D) 7×2
- Find the unknown factor. (Lesson 5.2)

$$8 \times \blacksquare = 32$$
 - (A) 4
 - (B) 5
 - (C) 6
 - (D) 24
- Which multiplication sentence represents the array? (Lesson 3.5)

 - (A) $1 \times 8 = 8$
 - (B) $4 + 4 = 8$
 - (C) $2 \times 4 = 8$
 - (D) $4 \times 3 = 12$