

CHAPTER 2 REVIEW!!!

1. Find $4 \times 12 \times 25$.

- A. 112 C. 4,800
B. 1,200 D. 12,000

2. Which is the most reasonable estimate for $42 \times 18 \times 4$?

- A. 64 C. 2,400
B. 320 D. 3,200

3. Find 199×8

- A. 792 C. 1,592
B. 1,520 D. 1,608

4. Find 78×15

- A. 780 C. 1,170
B. 1,070 D. 1,250

5. Find 52×99

- A. 5,148 C. 5,200
B. 5,152 D. 5,252

6. Find 6.3×1000

- A. 63 C. 6,300
B. 630 D. 63,000

7. Which is the most reasonable estimate for $2.74 \div 6.1$?

- A. 9 C. 14
B. 12 D. 18

8. Find 43.2×5

- A. 216 C. 21.6
B. 205 D. 20.5

9. Find 0.3×0.7

- A. 0.0021 C. 0.21
B. 0.021 D. 2.1

10. Find 0.48×2.7

- A. 0.1296 C. 12.96
B. 1.296 D. 129.6

11. Which is an algebraic expression for 2 less than a number?

- A. $x + 2$ C. $x - 2$
B. $2 - x$ D. $2x$

12. What is the rule for the table?

Input	Output
5	7
7	9
9	11
11	13

- A. Add 2
B. Multiply by 2
C. Add 4
D. Subtract 2

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13. Maria is planting flowers in containers. She will plant one tall flower and one short flower in each container. The tall flowers are zinnias and sunflowers. The short flowers are pansies, petunias, and impatiens. How many different combinations of tall flowers and short flowers does Maria have to choose from?

- A.** 3 combinations
- B.** 6 combinations
- C.** 9 combinations
- D.** 12 combinations

14. Which correctly uses the Distributive Property?

- A.** 8×76
 $(8 \times 70) \times (8 \times 6)$
- B.** 8×76
 $(4 \times 2) \times (70 \times 6)$
- C.** 8×76
 $(8 \times 70) + 6$
- D.** 8×76
 76×8

Estimate each product.

- 15.** $52 \times 11 \times 8$ _____
- 16.** 48.3×2.1 _____

Find each product using properties and mental math.

- 17.** $5 \times 10 \times 50$ _____
- 18.** 36×101 _____
- 19.** 6.2×100 _____
- 20.** $4 \times 19 \times 25$ _____

21. Rewrite the product with the decimal point in the correct place.

$13.4 \times 7.5 = 10050$ _____

Find each product.

- 22.** 0×402
- 23.** 57×23
- 24.** 7.9×13
- 25.** 0.17×10
- 26.** 2.81×3.4
- 27.** 0.8×0.7

Evaluate each expression for $d = 5$

- 28.** $7d$ _____
- 29.** $29 - d$ _____

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Solve each equation using mental math.

30. $k \div 3 = 7$ $k =$ _____

31. $m + 11 = 17$ $m =$ _____

Write the rule for the table in words and with a variable.

32.

Input	Output
2	8
3	12
6	24
7	28

WRITING IN MATH

33. Explain how to find 15.97×100 using mental math.

34. Make an organized list to solve this problem.

Ralph is choosing a combination for the lock on his bike. The combination is made up of three different digits in a particular order. He would like to use the three numbers 5, 7, and 8 in his combination. How many different ways can the three numbers be arranged to form a combination for his lock?

35. A dollar is equal to 4 quarters. Which expression gives the number of quarters in d dollars, $4 + d$, $4d$, or $d \div 4$? Explain your choice.
