



Properties of Multiplication

Name: _____

Date: _____

Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

- Grade 3 distributive: $8 \times 9 = 8 \times 10 - 8 \times 1 = 80 - \underline{\hspace{2cm}} = 72$.
- Grade 3 distributive: $7 \times 8 = 7 \times 4 + 7 \times \underline{\hspace{2cm}} = 28 + 28 = 56$.
- Grade 3 distributive: $6 \times 7 = 6 \times 5 + 6 \times 2 = 30 + 12 = \underline{\hspace{2cm}}$.
- Grade 3: $9 \times 6 = 9 \times 3 + 9 \times 3 = 27 + \underline{\hspace{2cm}} = 54$.
- Grade 3 distributive: $4 \times 12 = 4 \times 10 + 4 \times 2 = 40 + 8 = \underline{\hspace{2cm}}$.
- Grade 3: $5 \times 9 = 5 \times 10 - 5 \times 1 = 50 - 5 = \underline{\hspace{2cm}}$.
- Grade 3 distributive: $8 \times 8 = 8 \times 4 + 8 \times 4 = 32 + 32 = \underline{\hspace{2cm}}$.
- Grade 3: $7 \times 9 = 7 \times 10 - 7 \times 1 = 70 - \underline{\hspace{2cm}} = 63$.
- Grade 3: $6 \times 8 = 6 \times 4 + 6 \times 4 = 24 + 24 = \underline{\hspace{2cm}}$.

Part B: Matching

Match each item on the left to the correct answer on the right.

- Match each item to its correct answer.

Grade 3: 8×9 split as $8 \times 10 - 8$	→ _____	72
Grade 3: 7×8 split as $7 \times 4 + 7 \times 4$	→ _____	56
Grade 3: 6×7 split as $6 \times 5 + 6 \times 2$	→ _____	42
Grade 3: 5×12 split as $5 \times 10 + 5 \times 2$	→ _____	60

Answer Key · Properties of Multiplication · Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Grade 3 distributive: $8 \times 9 = 8 \times 10 - 8 \times 1 = 80 - \underline{8} = 72$.

2. Grade 3 distributive: $7 \times 8 = 7 \times 4 + 7 \times \underline{4} = 28 + 28 = 56$.

3. Grade 3 distributive: $6 \times 7 = 6 \times 5 + 6 \times 2 = 30 + 12 = \underline{42}$.

4. Grade 3: $9 \times 6 = 9 \times 3 + 9 \times 3 = 27 + \underline{27} = 54$.

5. Grade 3 distributive: $4 \times 12 = 4 \times 10 + 4 \times 2 = 40 + 8 = \underline{48}$.

6. Grade 3: $5 \times 9 = 5 \times 10 - 5 \times 1 = 50 - 5 = \underline{45}$.

7. Grade 3 distributive: $8 \times 8 = 8 \times 4 + 8 \times 4 = 32 + 32 = \underline{64}$.

8. Grade 3: $7 \times 9 = 7 \times 10 - 7 \times 1 = 70 - \underline{7} = 63$.

9. Grade 3: $6 \times 8 = 6 \times 4 + 6 \times 4 = 24 + 24 = \underline{48}$.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Grade 3: 8×9 split as $8 \times 10 - 8$	→ <u>72</u>	72
Grade 3: 7×8 split as $7 \times 4 + 7 \times 4$	→ <u>56</u>	56
Grade 3: 6×7 split as $6 \times 5 + 6 \times 2$	→ <u>42</u>	42
Grade 3: 5×12 split as $5 \times 10 + 5 \times 2$	→ <u>60</u>	60