



Properties of Multiplication

Name: _____

Date: _____

Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

1. In Grade 3, 6×7 can be broken into $6 \times 5 + 6 \times$ _____ .
2. A Grade 3 student finds $7 \times 8 = 7 \times 5 + 7 \times$ _____ .
3. In Grade 3, $9 \times 6 = 9 \times 5 + 9 \times$ _____ .
4. A Grade 3 student splits 8×4 into $8 \times 2 + 8 \times$ _____ .
5. In Grade 3, $5 \times 9 = 5 \times 10 - 5 \times$ _____ .
6. A Grade 3 learner computes 4×12 as $4 \times 10 + 4 \times$ _____ .
7. In Grade 3, $6 \times 9 = 6 \times (10 - 1) = 60 -$ _____ .
8. A Grade 3 array of 3×8 equals $3 \times 4 + 3 \times$ _____ .
9. In Grade 3, $7 \times 6 = 7 \times 5 + 7 \times$ _____ .

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: 6×7 split as $6 \times 5 + 6 \times 2$	→ _____	42
Grade 3: 8×4 split as $8 \times 2 + 8 \times 2$	→ _____	32
Grade 3: 9×6 split as $9 \times 5 + 9 \times 1$	→ _____	54
Grade 3: 4×12 split as $4 \times 10 + 4 \times 2$	→ _____	48

Answer Key · Properties of Multiplication · Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

1. In Grade 3, 6×7 can be broken into $6 \times 5 + 6 \times$ 2 .
2. A Grade 3 student finds $7 \times 8 = 7 \times 5 + 7 \times$ 3 .
3. In Grade 3, $9 \times 6 = 9 \times 5 + 9 \times$ 1 .
4. A Grade 3 student splits 8×4 into $8 \times 2 + 8 \times$ 2 .
5. In Grade 3, $5 \times 9 = 5 \times 10 - 5 \times$ 1 .
6. A Grade 3 learner computes 4×12 as $4 \times 10 + 4 \times$ 2 .
7. In Grade 3, $6 \times 9 = 6 \times (10 - 1) = 60 -$ 6 .
8. A Grade 3 array of 3×8 equals $3 \times 4 + 3 \times$ 4 .
9. In Grade 3, $7 \times 6 = 7 \times 5 + 7 \times$ 1 .

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: 6×7 split as $6 \times 5 + 6 \times 2$	→ <u>42</u>	42
Grade 3: 8×4 split as $8 \times 2 + 8 \times 2$	→ <u>32</u>	32
Grade 3: 9×6 split as $9 \times 5 + 9 \times 1$	→ <u>54</u>	54
Grade 3: 4×12 split as $4 \times 10 + 4 \times 2$	→ <u>48</u>	48