Math Practice - Grade 3

M5 Properties, fluency within 100, multiples of 10 - Distributive split

M5 3.OA.B.5, 3.OA.C.7, 3.NBT.A.3

Name: _____ Date: _____

Break one factor into two parts. Multiply each part, then add the parts.

Example: Break 7 into 1 and 6. Multiply each part, then add the parts.

How: Split the bigger factor into two easy parts. Multiply each part, then add the two answers to get the whole product.

5 x 7 = 5 x 1 + 5 x 6

5 x 1 = 5

5 x 6 = 30

5 + 30 = 35

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1 **Break 6 into 5 and 1. Multiply each part, then add the parts.**

4 x 6 = 4 x 5 + 4 x 1

4 x 5 = ☐

4 x 1 = ☐

20 + 4 = ☐

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2 **Break 9 into 1 and 8. Multiply each part, then add the parts.**

3 x 9 = 3 x 1 + 3 x 8

3 x 1 = ☐

3 x 8 = ☐

3 + 24 = ☐

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3 **Break 6 into 4 and 2. Multiply each part, then add the parts.**

5 x 6 = 5 x 4 + 5 x 2

5 x 4 = ☐

5 x 2 = ☐

20 + 10 = ☐

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M5 3.OA.B.5, 3.OA.C.7, 3.NBT.A.3

Name: _____ Date: _____

Break one factor into two parts. Multiply each part, then add the parts.

Example: Break 8 into 1 and 7. Multiply each part, then add the parts.

How: Split the bigger factor into two easy parts. Multiply each part, then add the two answers to get the whole product.

2 x 8 = 2 x 1 + 2 x 7

2 x 1 = 2

2 x 7 = 14

2 + 14 = 16

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1 **Break 9 into 5 and 4. Multiply each part, then add the parts.**

4 x 9 = 4 x 5 + 4 x 4

4 x 5 = ☐

4 x 4 = ☐

20 + 16 = ☐

---

2 **Break 9 into 1 and 8. Multiply each part, then add the parts.**

3 x 9 = 3 x 1 + 3 x 8

3 x 1 = ☐

3 x 8 = ☐

3 + 24 = ☐

---

3 **Break 8 into 4 and 4. Multiply each part, then add the parts.**

5 x 8 = 5 x 4 + 5 x 4

5 x 4 = ☐

5 x 4 = ☐

20 + 20 = ☐

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M5 Properties, fluency within 100, multiples of 10 - Distributive split

M5 3.OA.B.5, 3.OA.C.7, 3.NBT.A.3

Name: _____ Date: _____

Break one factor into two parts. Multiply each part, then add the parts.

Example: Break 9 into 2 and 7. Multiply each part, then add the parts.

How: Split the bigger factor into two easy parts. Multiply each part, then add the two answers to get the whole product.

4 x 9 = 4 x 2 + 4 x 7

4 x 2 = 8

4 x 7 = 28

8 + 28 = 36

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1 **Break 7 into 1 and 6. Multiply each part, then add the parts.**

5 x 7 = 5 x 1 + 5 x 6

5 x 1 = ☐

5 x 6 = ☐

5 + 30 = ☐

---

2 **Break 7 into 4 and 3. Multiply each part, then add the parts.**

5 x 7 = 5 x 4 + 5 x 3

5 x 4 = ☐

5 x 3 = ☐

20 + 15 = ☐

---

3 **Break 6 into 1 and 5. Multiply each part, then add the parts.**

2 x 6 = 2 x 1 + 2 x 5

2 x 1 = ☐

2 x 5 = ☐

2 + 10 = ☐