

Varied Fluency

Step 3: Add Equal Groups

National Curriculum Objectives:

Mathematics Year 2: (2C8) [Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts](#)

Differentiation:

Developing Questions to support adding up to three equal groups of 5 or less. Pictorial support for each question.

Expected Questions to support adding up to three equal groups of any 1-digit number and up to four equal groups of 2, 3, 5 or 10. Pictorial support for most questions. Includes some numbers represented as words.

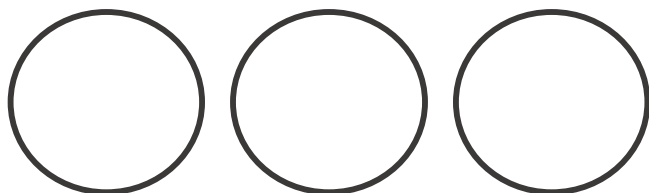
Greater Depth Questions to support adding up to three equal groups of any 1-digit number and up to four equal groups of 2, 3, 5 or 10, where some individual objects have a value of more than 1. Includes some numbers represented as words.

More [Year 2 Multiplication and Division](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Add Equal Groups

1a. Create equal groups to match the number sentence below.



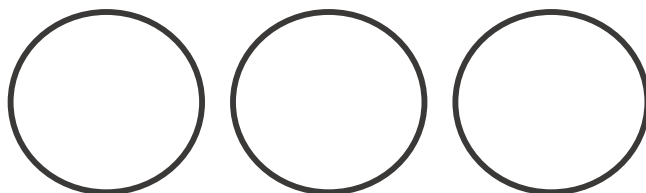
$$3 + 3 + 3 = 9$$



VF

Add Equal Groups

1b. Create equal groups to match the number sentence below.

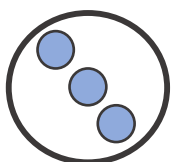


$$4 + 4 + 4 = 12$$

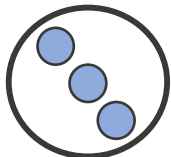


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2a. Circle the number sentence that matches the equal groups.



A. $3 + 3$



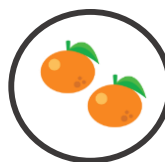
B. $3 + 2$

C. $3 + 3 + 3$

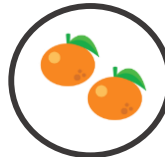


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2b. Circle the number sentence that matches the equal groups.



A. $2 + 3$



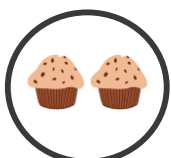
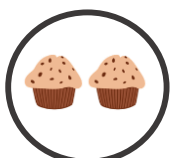
B. $2 + 2 + 2$

C. $2 + 2$



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3a. Use the equal groups to complete the number sentence below.



$$2 \square 2 + \square = \square$$



VF

3b. Use the equal groups to complete the number sentence below.



$$5 \square 5 + \square = \square$$

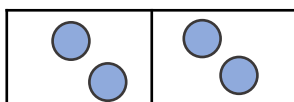


VF

4a. Match the number sentences to the correct image.

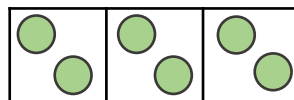
A. 3 groups of 2

1.



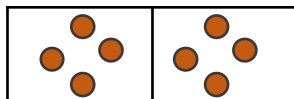
B. 2 groups of 4

2.



C. 2 groups of 2

3.

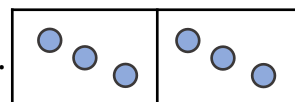


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4b. Match the number sentences to the correct image.

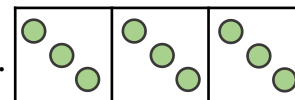
A. 2 groups of 5

1.



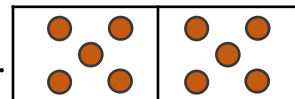
B. 2 groups of 3

2.



C. 3 groups of 3

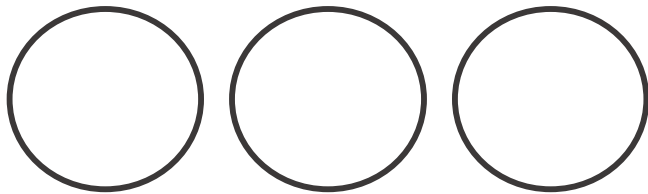
3.



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Add Equal Groups

5a. Create equal groups to match the number sentence below.



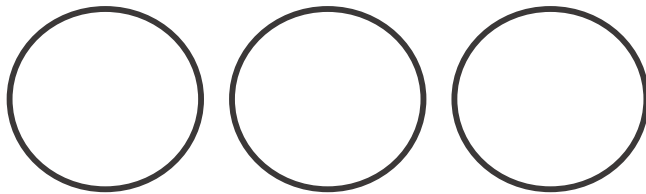
$$6 + 6 + 6 = 18$$



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Add Equal Groups

5b. Create equal groups to match the number sentence below.



$$8 + 8 + 8 = 24$$



VF

6a. Circle the number sentence that matches the equal groups.



A. $4 + 4$

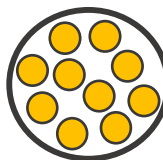
B. $4 + 2$

C. $2 + 2$



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6b. Circle the number sentence that matches the equal groups.



A. $10 + 10 + 10 + 10$

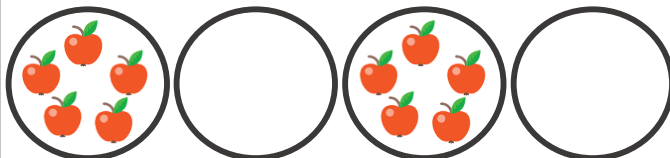
B. $10 + 10$

C. $2 + 10$



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7a. Fill in the equal groups and complete the number sentence below.

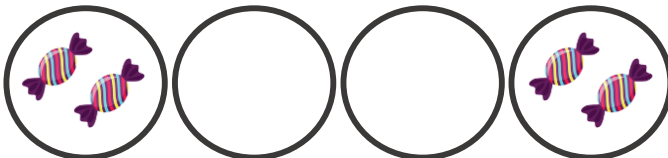


$$\square + 5 + 5 \square 5 = \square$$



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7b. Fill in the equal groups and complete the number sentence below.



$$\square + 2 + 2 \square 2 = \square$$



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8a. Match up the number sentences.

A. 4 groups of two

1. $7 + 7 + 7$

B. 2 groups of four

2. $4 + 4$

C. 3 groups of seven

3. $2 + 2 + 2 + 2$



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8b. Match up the number sentences.

A. two groups of 8

1. $3 + 3 + 3$

B. four groups of 5

2. $8 + 8$

C. 3 groups of three

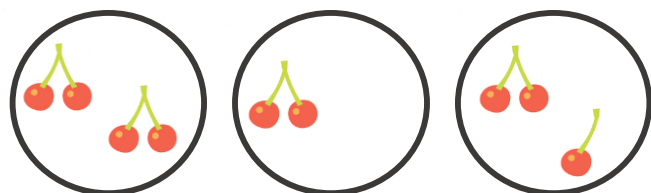
3. $5 + 5 + 5 + 5$



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Add Equal Groups

9a. Create equal groups to match the number sentence below.



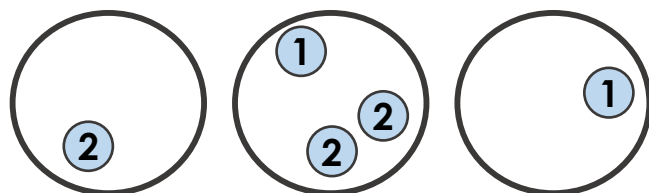
$$5 + 5 + 5 = \square$$



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Add Equal Groups

9b. Create equal groups to match the number sentence below.



$$10 + 10 + 10 = \square$$



VF

10a. Circle the number sentence that matches the equal groups.



A. $2 + 2$



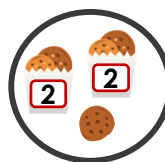
B. five + one

C. six + six

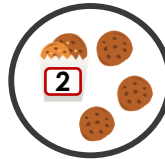


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10b. Circle the number sentence that matches the equal groups.



A. two + two + one



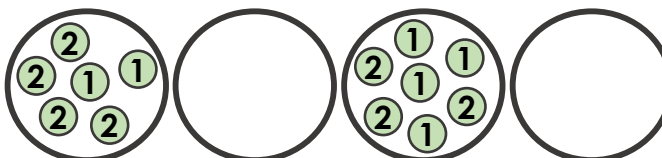
B. five + five

C. $5 + 5 + 2$



VF

11a. Fill in the equal groups and complete the number sentence below.

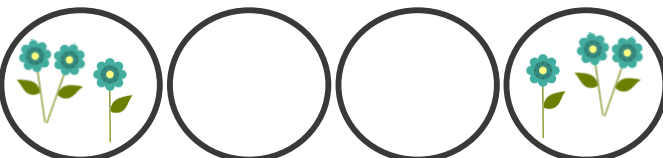


$$\square + \square + \square + \square = \square$$



VF

11b. Fill in the equal groups and complete the number sentence below.



$$\square + \square + \square + \square = \square$$



VF

12a. Match up the number sentences.

A. four groups of two

1. $3 + 3 + 3 + 3$

B. two groups of five

2. 5 + five

C. four groups of three

3. $2 + 2 + 2 + 2$

4. three + 3 + 3



VF

12b. Match up the number sentences.

A. two groups of three

1. $5 + 5 + 5 + 5$

B. four groups of five

2. 3 + three

C. three groups of ten

3. $2 + \text{two} = 2$

4. $10 + \text{ten} + \text{ten}$



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Varied Fluency
Add Equal Groups

Developing

1a. 3 objects should be drawn in each group.

2a. A

3a. $2 + 2 + 2 = 6$

4a. A. 2; B. 3; C. 1

Expected

5a. 6 objects should be drawn in each group.

6a. A

7a. 5 apples should be drawn in each group. $5 + 5 + 5 = 15$

8a. A. 3; B. 2; C. 1

Greater Depth

9a. Cherries totalling 5 should be drawn in each circle. $5 + 5 + 5 = 15$

10a. C

11a. 10 counters should be drawn in each group. $10 + 10 + 10 = 30$

12a. A. 3; B. 2; C. 1

Varied Fluency
Add Equal Groups

Developing

1b. 4 objects should be drawn in each group.

2b. C

3b. $5 + 5 + 5 = 15$

4b. A. 3; B. 1; C. 2

Expected

5b. 8 objects should be drawn in each group.

6b. B

7b. 2 sweets should be drawn in each group. $2 + 2 + 2 = 6$

8b. A. 2; B. 3; C. 1

Greater Depth

9b. Counters totalling 10 should be drawn in each circle. $10 + 10 + 10 = 30$

10b. B

11b. 3 flowers should be drawn in each circle. $3 + 3 + 3 = 9$

12b. A. 2; B. 1; C. 4