

Varied Fluency

Step 3: Add Equal Groups

National Curriculum Objectives:

Mathematics Year 1: (1N1b) [Count in multiples of twos, fives and tens](#)

Mathematics Year 1: (1C8) [Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher](#)

Differentiation:

Developing Questions to support adding equal groups. Using up to 5 equal groups of 2. All questions have 1-to-1 pictorial support; numbers in numerals only.

Expected Questions to support adding equal groups. Using up to 6 equal groups of 2, 5 or 10. All questions have 1-to-1 pictorial support; numbers in numerals only.

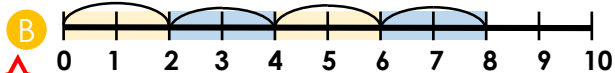
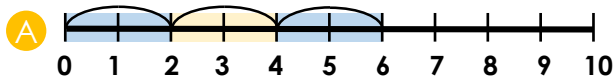
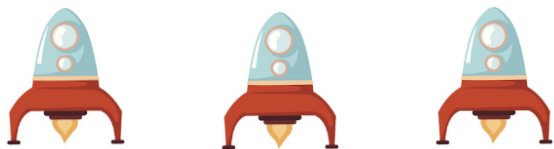
Greater Depth Questions to support adding equal groups. Using up to 6 equal groups of 2, 5 or 10. Minimal pictorial support; numbers given in words and numerals.

More [Year 1 Multiplication and Division](#) resources.

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

Add Equal Groups

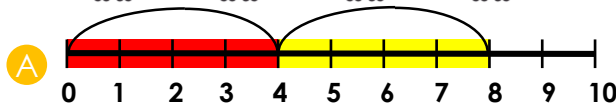
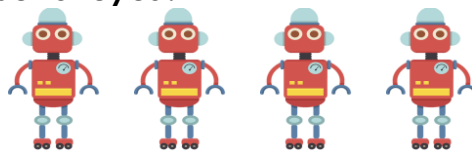
1a. Which number line matches the number of windows?



VF

Add Equal Groups

1b. Which number line matches the number of eyes?

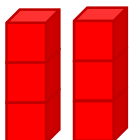


VF

2a. How many wheels on 3 mopeds?



Which cubes match the calculation?

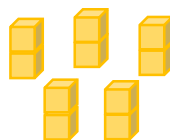


VF

2b. How many lamp posts on this street?



Which cubes match the calculation?



VF

3a. There are 2 laces on each pair of boots.



True or false?

There are 5 laces in this shop window.



VF

3b. There are 2 chicks on each hay bale.



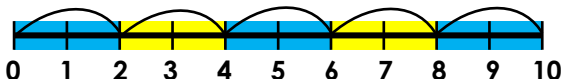
True or false?

There are 10 chicks in the barn.



VF

4a. Draw legs on the aliens to match the calculation on the number line.



Complete the number sentence.

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



VF

4b. Draw sweets in the jar to match the calculation shown by the cubes.



Complete the number sentence.

$2 + 2 + 2 = \square$



VF

Add Equal Groups

5a. Which number line matches the buns?



VF

Add Equal Groups

5b. Which number line matches the cookies?



VF

6a. How many crayons in 5 packs?

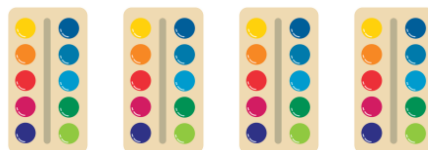


Which cubes match the calculation?



VF

6b. How many paints on 4 trays?

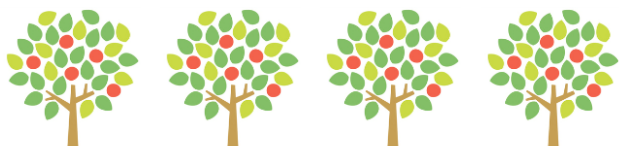


Which cubes match the calculation?



VF

7a. There are 5 apples on each tree.



True or false?

There are 25 apples in the orchard.



VF

7b. There are 10 jewels in each box.



True or false?

There are 40 jewels altogether.



VF

8a. Draw eyes on the monsters to match the calculation on the number line.



Complete the number sentence to match.

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



VF

8b. Draw teeth on the monsters to match the calculation shown by the cubes.



Complete the number sentence to match.

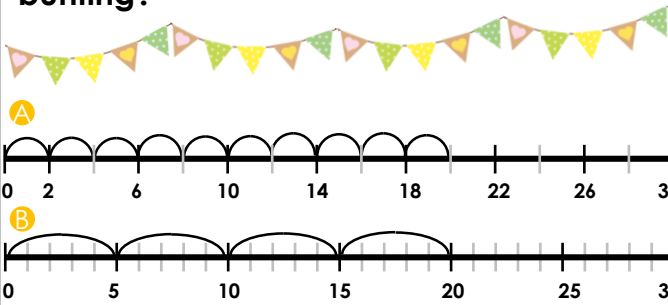
$$\square + \square + \square + \square = 20$$



VF

Add Equal Groups

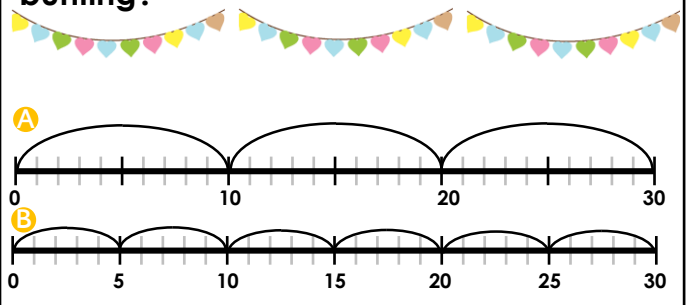
9a. Which number line matches the bunting?



VF

Add Equal Groups

9b. Which number line matches the bunting?



VF

10a. How many paints in six groups of ten?



Which cubes match the calculation?



VF

10b. How many trees in ten groups of five?

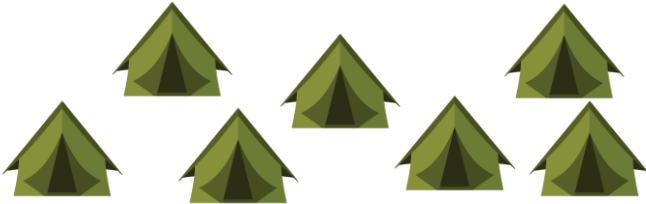


Which cubes match the calculation?



VF

11a. There are 5 cub scouts in each tent.



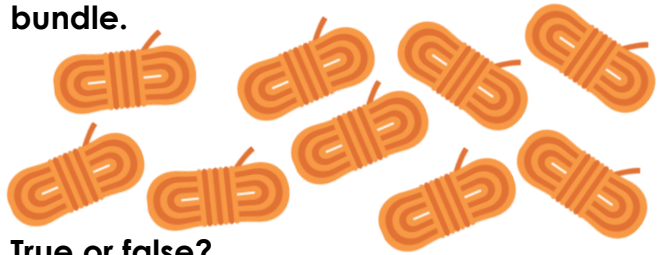
True or false?

There are 35 cub scouts on camp.



VF

11b. There are 10 metres of rope in each bundle.



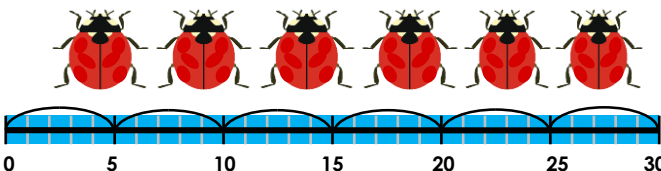
True or false?

There are 100 metres of rope altogether.



VF

12a. Draw spots on the ladybirds to match the calculation on the number line.

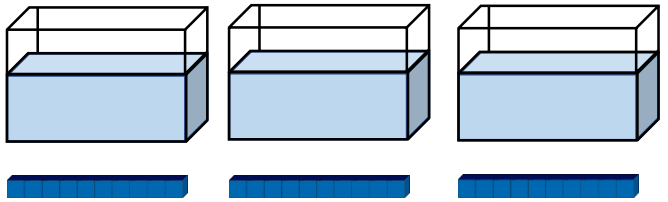


Complete the number sentence to match.



VF

12b. Draw fish in the tanks to match the calculation shown by the cubes.



Complete the number sentence to match.



VF

Varied Fluency Add Equal Groups

Developing

1a. **A**

2a. **6 wheels**

Children to choose 3 lots of 2 cubes.

3a. **False. There are 5 pairs of boots so 10 laces are in the window.**

4a. **2 legs on each alien**

$2 + 2 + 2 + 2 + 2 = 10$ or $5 \times 2 = 10$

Expected

5a. **B**

6a. **25 crayons**

Children to choose 5 lots of 5 cubes.

7a. **False. There are 4 trees so there are 20 apples in the orchard.**

8a. **2 eyes on each monster**

$2 + 2 + 2 + 2 + 2 = 10$

Greater Depth

9a. **B**

10a. **60 paints**

Children to choose 6 lots of 10 cubes.

11a. **True**

12a. **5 spots on each ladybird**

$5 + 5 + 5 + 5 + 5 = 30$ or $6 \times 5 = 30$

Varied Fluency Add Equal Groups

Developing

1b. **B**

2b. **10 lamp posts**

Children to choose 5 lots of 2 cubes.

3b. **False. There are 4 bales of hay so there are 8 chicks in the barn.**

4b. **2 sweets in each jar**

$2 + 2 + 2 = 6$ or $2 \times 3 = 6$

Expected

5b. **B**

6b. **40 paints**

Children to choose 4 lots of 10 cubes.

7b. **False. There are 3 boxes so there are 30 jewels.**

8b. **5 teeth per monster**

$5 + 5 + 5 + 5 = 20$

Greater Depth

9b. **A**

10b. **50 trees**

Children to choose 10 lots of 5 cubes.

11b. **False. There are 9 bundles of rope so there is 90 metres of rope.**

12b. **10 fish in each tank**

$10 + 10 + 10 = 30$ or $3 \times 10 = 30$