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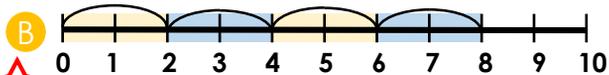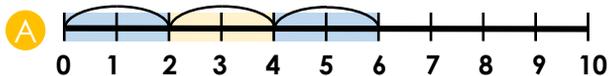**Greater Depth** Questions to support adding equal groups. Using up to 6 equal groups of 2, 5 or 10. Minimal pictorial support; numbers given in words and numerals.

More Year 1 Multiplication and Division resources.

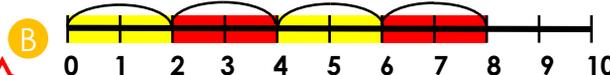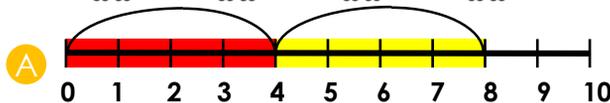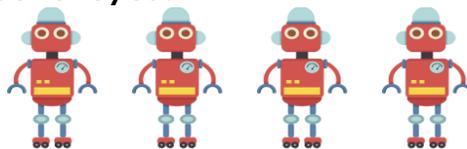## Did you like this resource? Don't forget to review it on our website.

Add Equal Groups

Add Equal Groups

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

Ⓐ
0 1 2 3 4 5 6 7 8 9 10

Ⓑ
0 1 2 3 4 5 6 7 8 9 10

Ⓓ

VF

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

Ⓐ
0 1 2 3 4 5 6 7 8 9 10
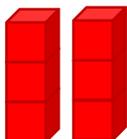
Ⓑ
0 1 2 3 4 5 6 7 8 9 10

Ⓓ

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

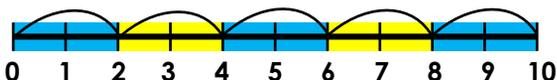**3b.** There are 2 chicks on each hay bale.

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.

0 1 2 3 4 5 6 7 8 9 10

Complete the number sentence.

Ⓓ   2 + 2 + 2 + 2 + 2 = ☐

VF

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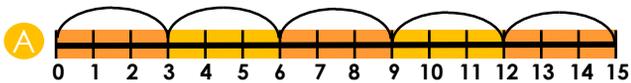
Complete the number sentence.

Ⓓ   2 + 2 + 2 = ☐
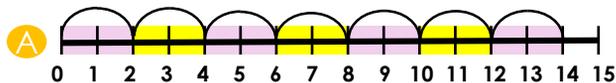
VF

Varied Fluency – Add Equal Groups – Year 1 Developing

Add Equal Groups

Add Equal Groups

5a. Which number line matches the buns?

A
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

B
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

E

VF

5b. Which number line matches the cookies?

A
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
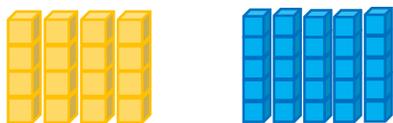
B
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

E

VF

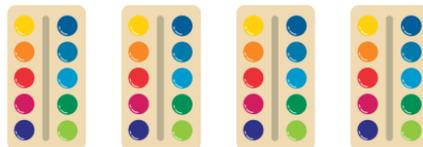**6a. How many crayons in 5 packs?**

Which cubes match the calculation?

E

VF

6b. How many paints on 4 trays?

Which cubes match the calculation?

E

VF

7a. There are 5 apples on each tree.

True or false?
There are 25 apples in the orchard.

E

VF

7b. There are 10 jewels in each box.

True or false?
There are 40 jewels altogether.

E

VF

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

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Complete the number sentence to match.

☐ + ☐ + ☐ + ☐ + ☐ = 10

E

VF

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

Complete the number sentence to match.

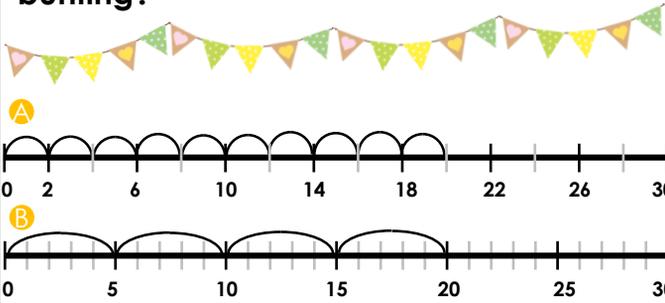☐ + ☐ + ☐ + ☐ = 20

E

VF

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Varied Fluency – Add Equal Groups – Year 1 Expected

Add Equal Groups

Add Equal Groups

9a. Which number line matches the bunting?

Ⓐ

0 2   6   10   14   18   22   26   30

Ⓑ

0   5   10   15   20   25   30

GD · VF

9b. Which number line matches the bunting?

Ⓐ

0   10   20   30

Ⓑ

0   5   10   15   20   25   30
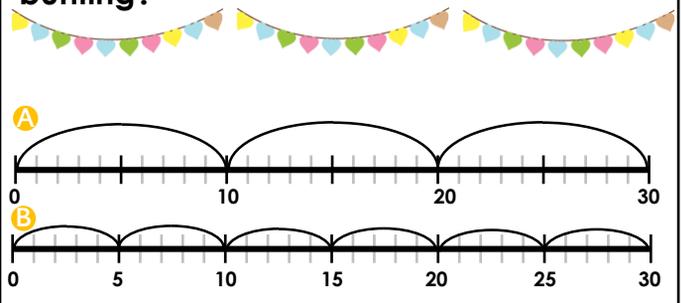
GD · VF
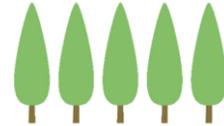
10a. How many paints in six groups of ten?

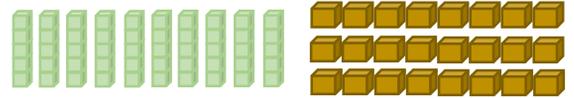**Which cubes match the calculation?**

GD · VF

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

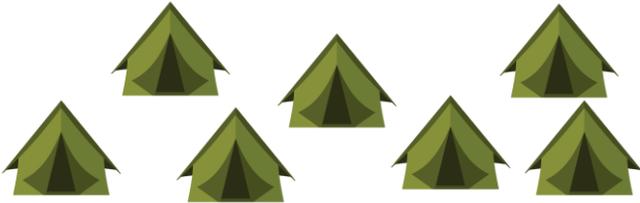**Which cubes match the calculation?**

GD · VF

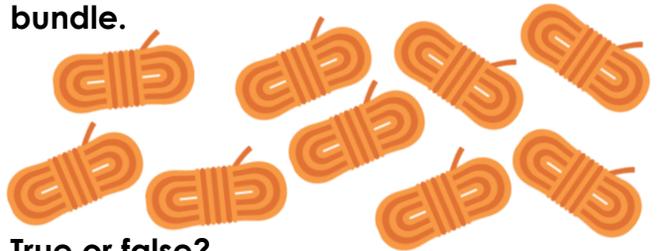**11a. There are 5 cub scouts in each tent.**

True or false?
There are 35 cub scouts on camp.

GD · VF

11b. There are 10 metres of rope in each bundle.
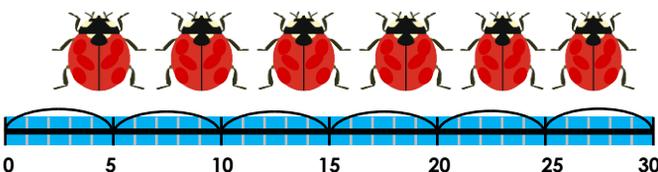
True or false?
There are 100 metres of rope altogether.

GD · VF

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

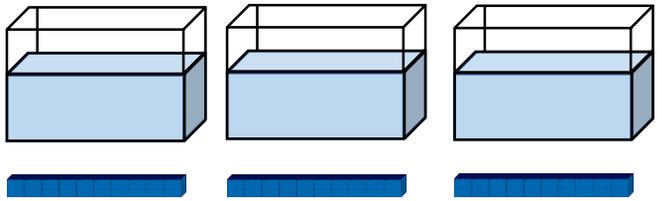0   5   10   15   20   25   30

Complete the number sentence to match.

GD · VF

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

Complete the number sentence to match.

GD · 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 x 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 + 5 = 30 or 6 x 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 x 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 x 10 = 30

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Varied Fluency – Add Equal Groups ANSWERS