Homework/Extension
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:

Questions 1, 4 and 7 (Varied Fluency)
Developing Circle the number pieces and write the number sentence to show three equal groups of 5 or less.
Expected Circle the number pieces and write the number sentence to show four equal groups of 2, 3, 5 or 10.
Greater Depth Circle the purses and write the number sentence to show four equal groups of 2, 3, 5 or 10 where some coins have a value of more than one.

Questions 2, 5 and 8 (Varied Fluency)
Developing Complete the sentence using the digit cards. Write a number sentence to add three equal groups of 5 or less.
Expected Complete the sentences using the digit cards. Write a number sentence to add three equal groups of any 1-digit number.
Greater Depth Complete the sentences using the digit cards. Write a number sentence to add four equal groups of 2, 3, 5 or 10 where some objects have a value of more than one.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Select the correct statement and explain why. Includes adding two or three equal groups of 5 or less.
Expected Select the correct statement and explain why. Includes adding three equal groups of any 1-digit number.
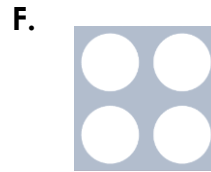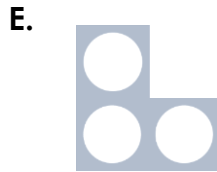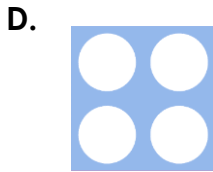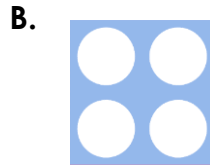**Greater Depth** Select the correct statement and explain why. Includes adding four equal groups of 2, 3, 5 or 10 where some objects have a value of more than one.

More Year 2 Multiplication and Division resources.

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

Add Equal Groups

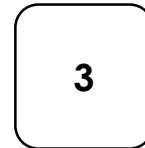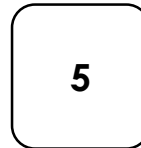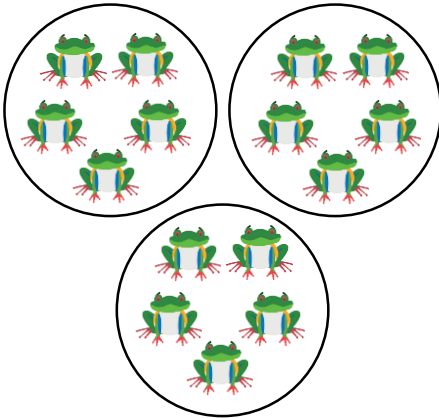## 1. Jaz wants to show three equal groups of four. Circle the number pieces she needs.

A.

B.

C.

D.

E.

F.

G.

Write a number sentence to show Jaz's total.

D

VF
HW/Ext

2. Use the number cards to complete the sentence below.
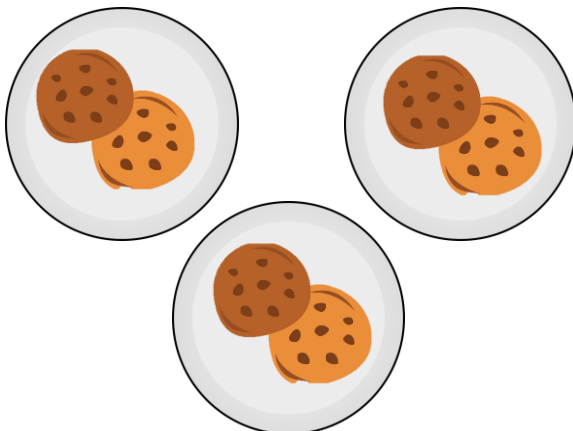
5   3

There are ☐ equal groups of ☐ frogs.

Write a number sentence to show how many frogs there are altogether.

D

VF
HW/Ext

3. Syma and Harry are putting cookies on plates.

The plates show 2 + 2 + 2 so there are 6 in total.

Syma

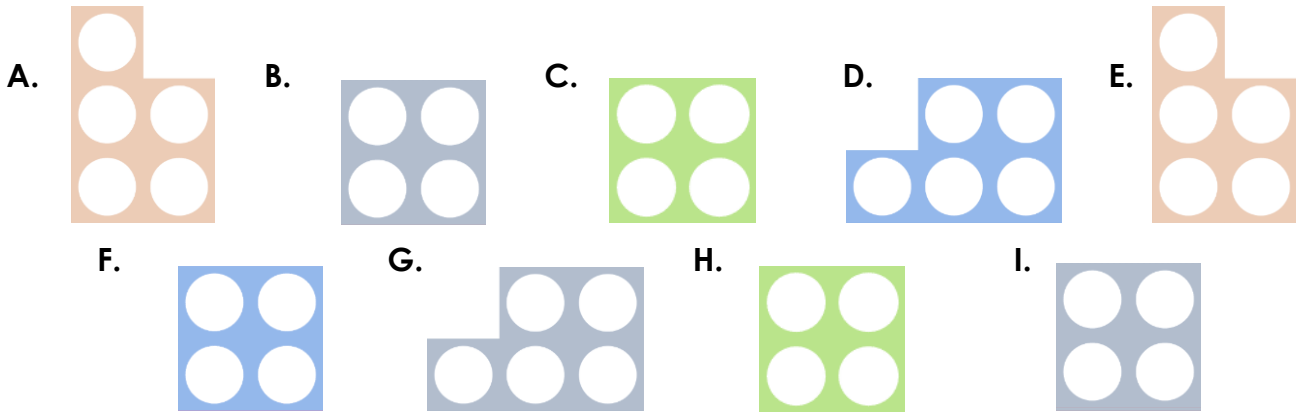The plates show 3 + 3 + 3 so there are 9 in total.

Harry

Who do you agree with? Explain why.

D

RPS
HW/Ext

Add Equal Groups

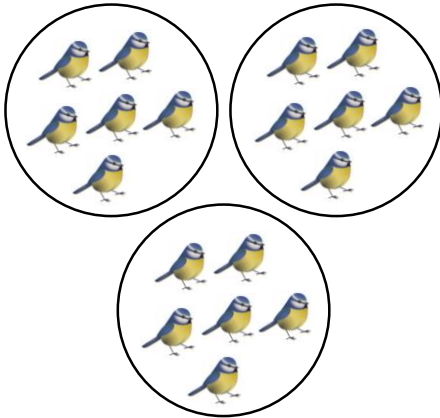**4. Taj wants to show four equal groups of five. Circle the number pieces he needs.**

A.   B.   C.   D.   E.

F.   G.   H.   I.

Write a number sentence to show Taj's total.

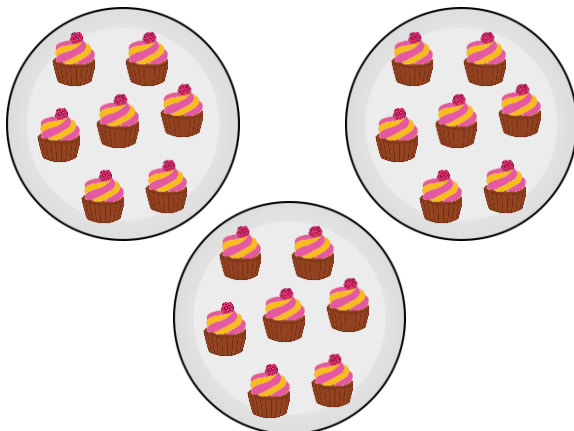**5. Use the number cards to complete the sentence below.**

| six | 3 |

There are ☐ equal groups of ☐ birds.

Write a number sentence to show how many birds there are altogether.

6. Reena and Bob are putting cakes on plates.

There are 7 equal groups with 3 in each group.
Reena

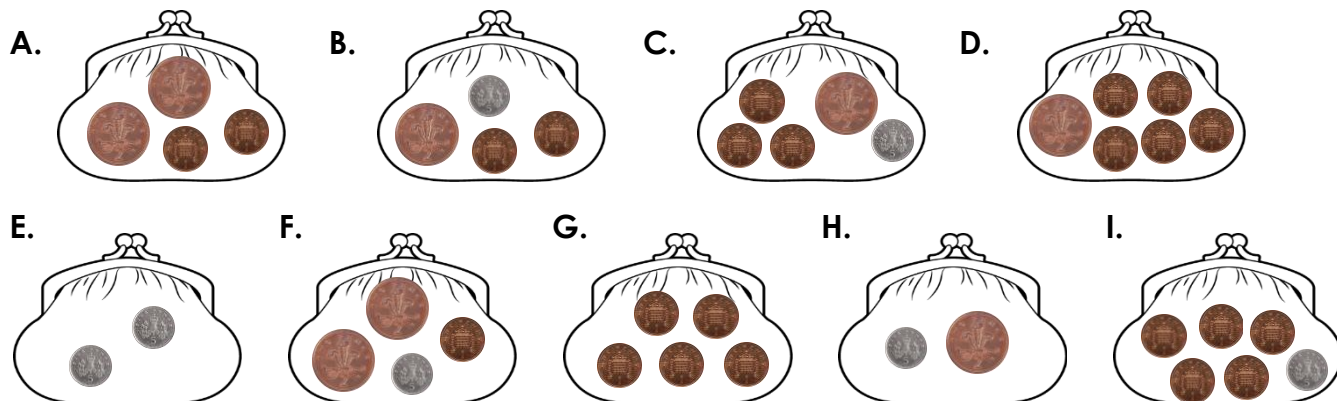The plates show 7 + 7 + 7 so there are three groups of 7.
Bob

Who do you agree with? Explain why.

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Homework/Extension – Add Equal Groups – Year 2 Expected

Add Equal Groups

7. Phil wants to collect four purses with a value of 10p each. Circle the purses he needs.
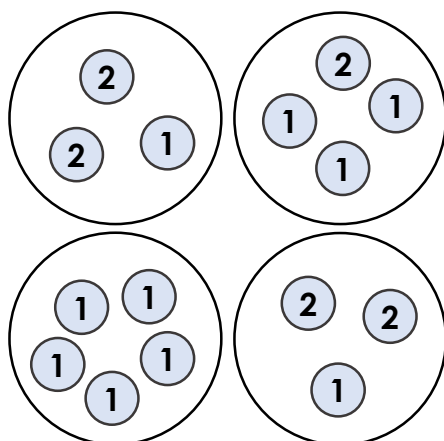
A.   B.   C.   D.

E.   F.   G.   H.   I.

Write a number sentence to show Phil's total.

VF
HW/Ext

8. Use the number cards to complete the sentences below.

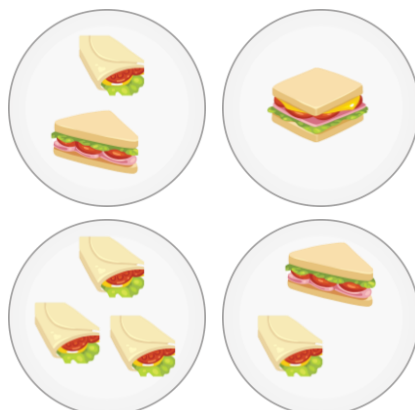| fives | four | five |

There are ☐ equal groups of ☐ .

There are four ☐ .

Write a number sentence to show the total.

VF
HW/Ext

9. Kelly and Dev are selling plates of sandwiches. They have made a price list.

Wrap – £1
Half sandwich – £2
Full sandwich – £3

£4 + £4 + £4 + £4 = £16 so together all of the food costs £16.

Kelly

There are four plates each costing 3 pounds so they cost £12 altogether.

Dev

Who do you agree with? Explain why.

RPS
HW/Ext

Developing

1. B, D, F → 4 + 4 + 4 = 12
2. There are 3 equal groups of 5 frogs. 5 + 5 + 5 = 15 frogs altogether.
3. I agree with Syma because there are 3 plates with 2 cookies on each plate and 2 + 2 + 2 = 6.

Expected

4. A, D, E, G → 5 + 5 + 5 + 5 = 20
5. There are 3 equal groups of six birds. 6 + 6 + 6 = 18 birds altogether.
6. I agree with Bob because there are 3 plates with 7 cakes on each plate. This is the same as 7 + 7 + 7.

Greater Depth

7. C, E, F, I → 10 + 10 + 10 + 10 = 40p
8. There are four equal groups of five. There are four fives. 5 + 5 + 5 + 5 = 20.
9. I agree with Dev because there are four plates each costing £3 and £3 + £3 + £3 + £3 = £12 in total.

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