

# Varied Fluency

## Step 6: Number Bonds to 10

### National Curriculum Objectives:

Mathematics Year 1: (1C1) [Represent and use number bonds and related subtraction facts within 10](#)

Mathematics Year 1: (1C2b) [Read, write and interpret mathematical statements involving addition \(+\), subtraction \(−\) and equals \(=\) signs](#)

### Differentiation:

**Developing** Questions to support using number bonds to 10. Short, simple questions with more support elements (ten frames, extra information etc).

**Expected** Questions to support using number bonds to 10. Longer, more complex questions with few support elements (ten frames, extra information etc).

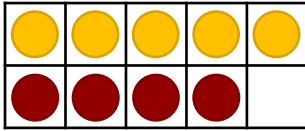
**Greater Depth** Questions to support using number bonds to 10. Long, complex questions with very few support elements (ten frames, extra information etc).

More [Year 1 Addition and Subtraction](#) resources.

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

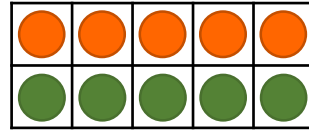
# Varied Fluency – Number Bonds to 10

1a. Are there 10 counters in total?



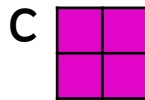
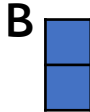
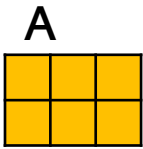
VF

1b. Are there 10 counters in total?



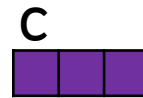
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2a. Which shapes fit together to make bigger shapes with 10 squares?



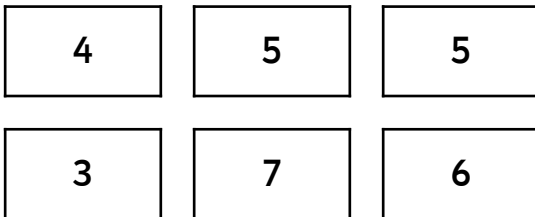
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2b. Which shapes fit together to make bigger shapes with 10 squares?



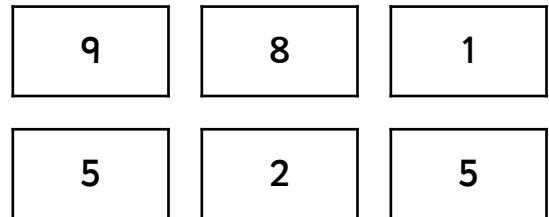
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3a. Match the number cards which bond together to make 10.



VF

3b. Match the number cards which bond together to make 10.



VF

4a. Here are some number bonds to 10. Find the pattern and fill in the missing numbers.

1	+		=	10
2	+		=	10
3	+		=	10
4	+		=	10



VF

4b. Here are some number bonds to 10. Find the pattern and fill in the missing numbers.

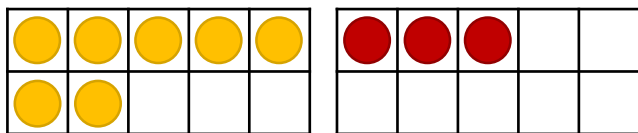
	+	3	=	10
	+	4	=	10
	+	5	=	10
	+	6	=	10



VF

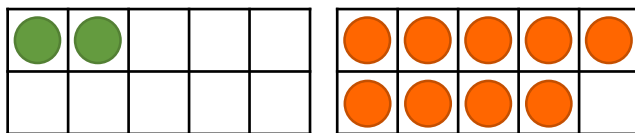
# Varied Fluency – Number Bonds to 10

5a. Are there 10 counters in total?



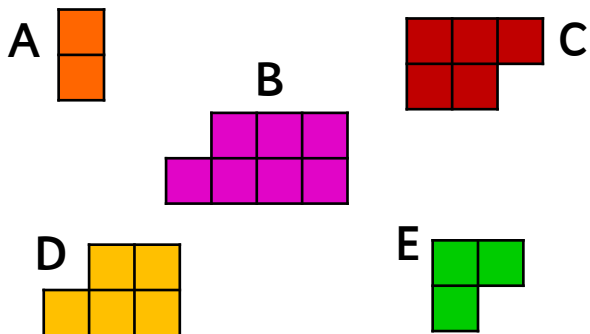
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5b. Are there 10 counters in total?



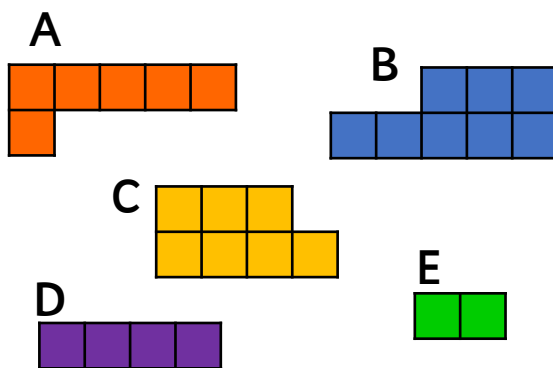
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6a. Which shapes fit together to make bigger shapes with 10 squares?



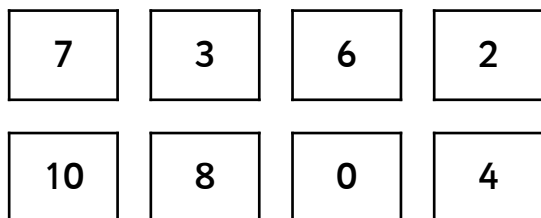
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6b. Which shapes fit together to make bigger shapes with 10 squares?



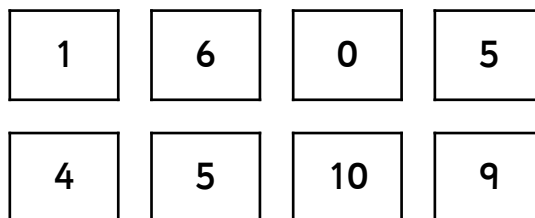
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7a. Match the number cards which bond together to make 10.



VF

7b. Match the number cards which bond together to make 10.



VF

8a. Here are some number bonds to 10. Find the pattern and fill in the missing numbers.

5	+		=	10
	+	4	=	10
7	+		=	10
8	+		=	10
	+	1	=	10



VF

8b. Here are some number bonds to 10. Find the pattern and fill in the missing numbers.

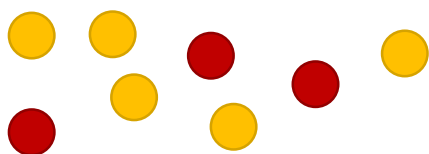
4	+		=	10
	+	7	=	10
2	+		=	10
	+	9	=	10
	+	10	=	10



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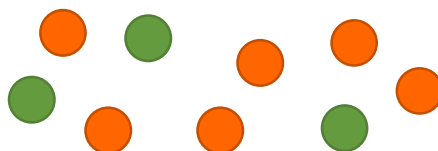
# Varied Fluency – Number Bonds to 10

9a. Are there 10 counters in total?



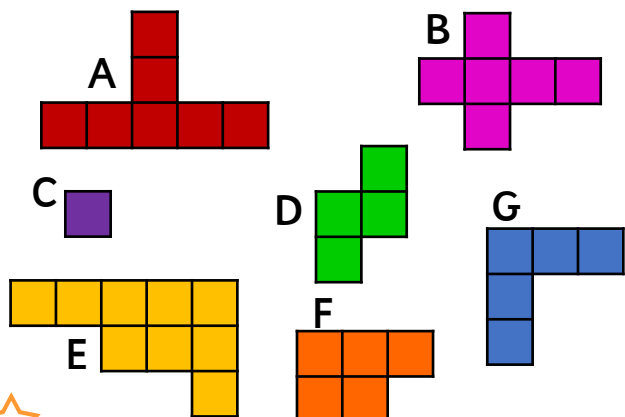
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9b. Are there 10 counters in total?



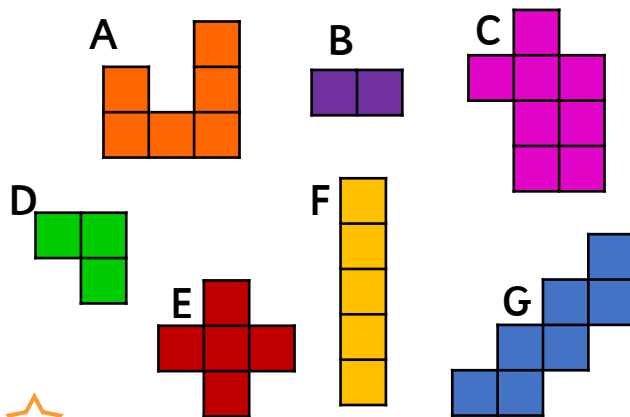
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10a. Which shapes fit together to make bigger shapes with 10 squares?



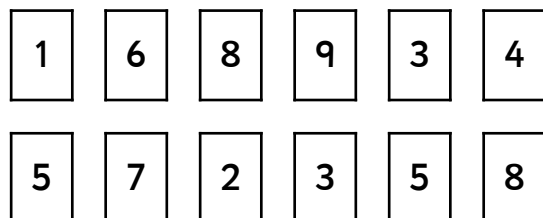
VF

10b. Which shapes fit together to make bigger shapes with 10 squares?



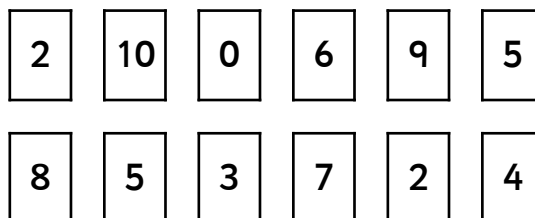
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11a. Match the number cards which bond together to make 10.



VF

11b. Match the number cards which bond together to make 10.



VF

12a. Here are some number bonds to 10. Find the pattern and fill in the missing numbers.

5	+	5	=	10
	+		=	10
	+		=	10
	+		=	10
	+		=	10
10	+	0	=	10



VF

12b. Here are some number bonds to 10. Find the pattern and fill in the missing numbers.

5	+	5	=	10
	+		=	10
	+		=	10
	+		=	10
	+		=	10
0	+	10	=	10



VF

# Varied Fluency – Number Bonds to 10

## Developing

- 1a. **No.**
- 1b. **Yes.**
- 2a. **Shapes A and C.**
- 2b. **Shapes A and B.**
- 3a. **4 and 6; 5 and 5; 3 and 7.**
- 3b. **9 and 1; 8 and 2; 5 and 5.**
- 4a. **The numbers in the gaps should read (descending): 9, 8, 7, and 6.**
- 4b. **The numbers in the gaps should read (descending): 7, 6, 5, and 4.**

## Expected

- 5a. **Yes.**
- 5b. **No.**
- 6a. **Shapes B and E; shapes C and D.**
- 6b. **Shapes A and D; shapes B and E.**
- 7a. **7 and 3; 6 and 4; 2 and 8; 10 and 0.**
- 7b. **1 and 9; 6 and 4; 0 and 10; 5 and 5.**
- 8a. **The numbers in the gaps should read (descending): 5, 6, 3, 2 and 9.**
- 8b. **The numbers in the gaps should read (descending): 6, 3, 8, 1 and 0.**

## Greater Depth

- 9a. **No.**
- 9b. **No.**
- 10a. **Shapes B and D; shapes C and E; shapes F and G.**
- 10b. **Shapes B and C; shapes D and G; shapes E and F.**
- 11a. **1 and 9; 6 and 4; 8 and 2; 3 and 7; 5 and 5.**
- 11b. **2 and 8; 10 and 0; 6 and 4; 5 and 5; 3 and 7.**
- 12a. **The numbers in the gaps should read (descending): 6 and 4, 7 and 3, 8 and 2, and 9 and 1.**
- 12b. **The numbers in the gaps should read (descending): 4 and 6, 3 and 7, 2 and 8, and 1 and 9.**