

# Homework

## 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:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Find 3 pairs that make a total of 10p. Using pictorials only.

**Expected** Find 3 pairs that make a total of 10p. Using numerals and some pictorials.

**Greater Depth** Find 3 pairs that make a total of 10p. Using numerals and words.

Questions 2, 5 and 8 (Varied Fluency)

**Developing** Complete the bar models to make a total of 10. Using some numerals and pictorial support for every bar model.

**Expected** Complete the bar models to make a total of 10. Using numerals and some pictorials.

**Greater Depth** Complete the bar models to make a total of 10. Using numerals and words.

Questions 3, 6 and 9 (Application and Reasoning)

**Developing** Explain if a statement is correct using knowledge of number bonds to 10. Pictorial support used within the statement.

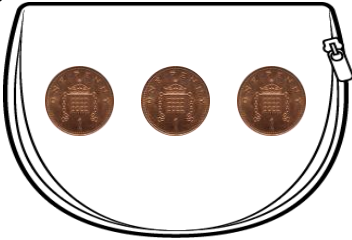
**Expected** Explain if a statement is correct using knowledge of number bonds to 10. Numerals used within the statement.

**Greater Depth** Explain if a statement is correct using knowledge of number bonds to 10. Words used within the statement.

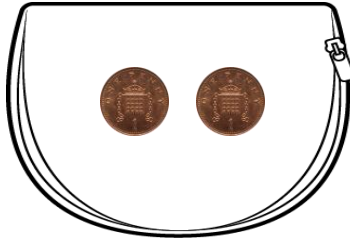
# Number Bonds to 10

1. Find pairs that make a total of 10p.

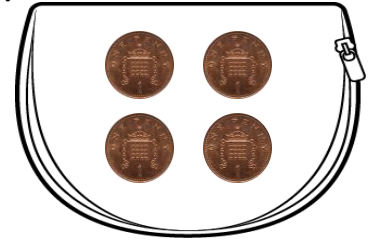
A.



B.



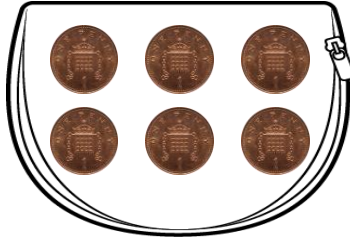
C.



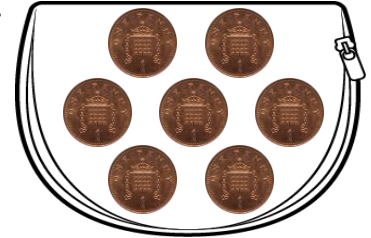
D.



E.



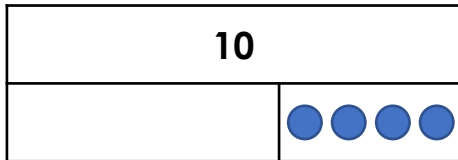
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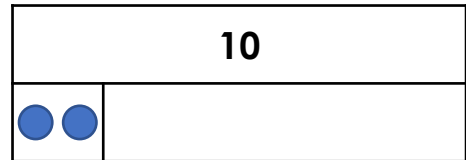
VF  
HW/Ext

2. Complete the bar models.

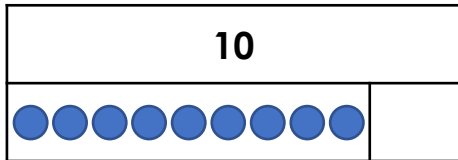
A.



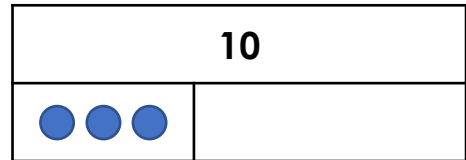
B.



C.



D.



VF  
HW/Ext

3. Is Seb correct? Explain your answer.



I want a lolly.  
I have 6p.  
I need 3p more.

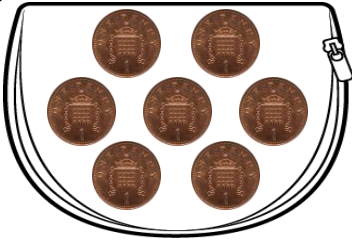


AR  
HW/Ext

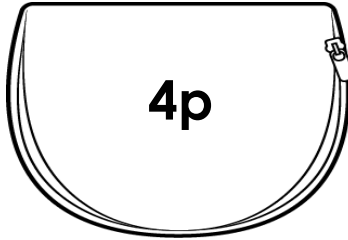
# Number Bonds to 10

4. Find pairs that make a total of 10p.

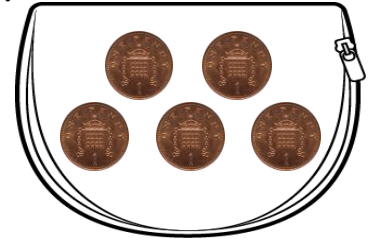
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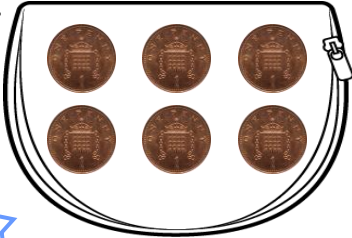
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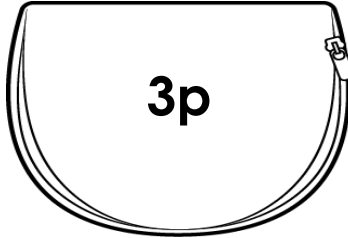
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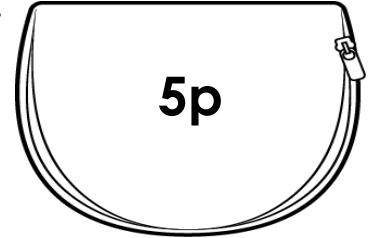
D.



E.



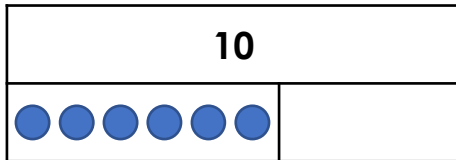
F.



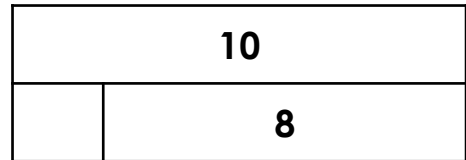
VF  
HW/Ext

5. Complete the bar models.

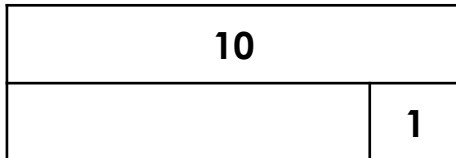
A.



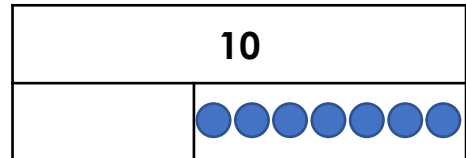
B.



C.



D.



VF  
HW/Ext

6. Is Tom correct? Explain your answer.



I want a balloon.  
I have 3p.  
I need 7p more.

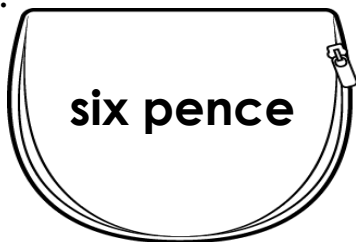


AR  
HW/Ext

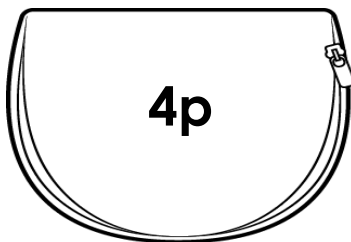
# Number Bonds to 10

7. Find pairs that make a total of 10p.

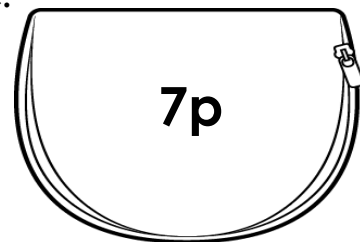
A.



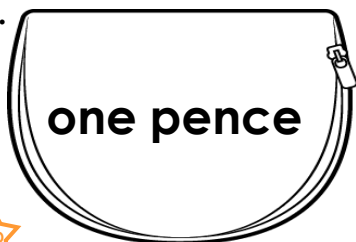
B.



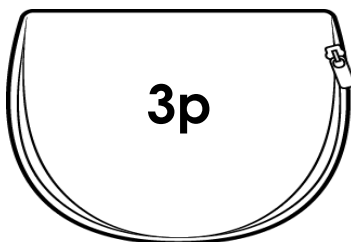
C.



D.



E.



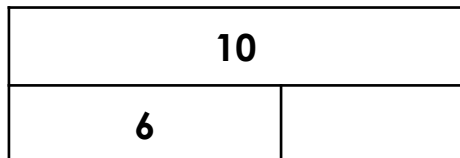
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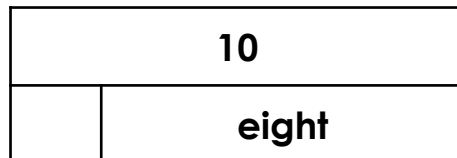
VF  
HW/Ext

8. Complete the bar models.

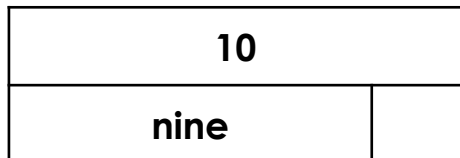
A.



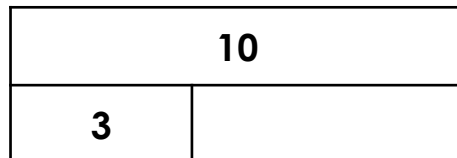
B.



C.



D.



VF  
HW/Ext

9. Is Mia correct? Explain your answer.



I want a candy cane.  
I have eight pence.  
I need three pence more.



AR  
HW/Ext

# Homework

## Number Bonds to 10

### Developing

1. A and F; B and D; C and E
2. A) 6; B) 8; C) 1; D) 7
3. Seb is not correct because  $6 + 3 = 9$ . He needs 4p to be able to buy a lolly.

### Expected

4. A and E; B and D; C and F
5. A) 4; B) 2; C) 9; D) 3
6. Tom is correct because  $3 + 7 = 10$ .

### Greater Depth

7. A and B; C and E; D and F
8. A) 4; B) 2; C) 1; D) 7
9. Mia is not correct because  $8 + 3 = 11$  and that is too much. She only needs 2p more.