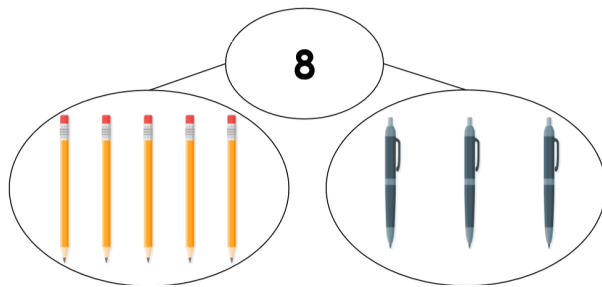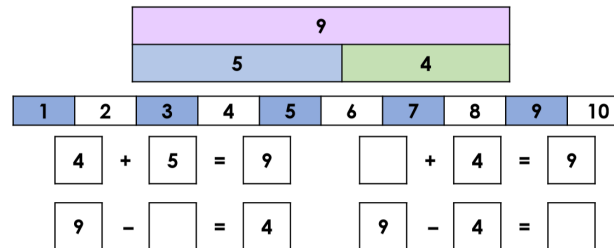# Year 2

Gabi has 8 pens and pencils. Using +, – and = write the 4 number sentences that show Gabi's pens and pencils.

8

Use the bar model to complete the number sentences below. Use the number track to help you.

| | 9 | |
| 5 | | 4 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

| 4 | + | 5 | = | 9 |

| | + | 4 | = | 9 |

| 9 | – | | = | 4 |

| 9 | – | 4 | = | |

True or false?

If 5 + 5 = 10, then 10 – 5 = 5.

Use the cards to complete the fact family number sentences. Complete the part-whole model and ten frame to match your sentences.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

A. ☐ + ☐ = 6

B. ☐ + ☐ = 6

C. 6 – ☐ = 4

D. 6 – ☐ = 2

E. 6

F.

Use the number cards below to find two fact families.

4   5   1   8

☐ + ☐ = 9

9 – ☐ = ☐

Write all of the possible number sentences.

Use the number cards below to find two fact families.

4   2   3   5

☐ + ☐ = 7
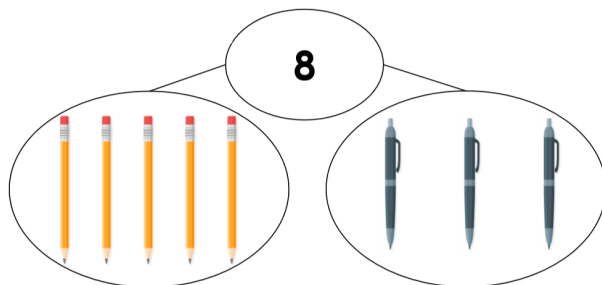
7 – ☐ = ☐

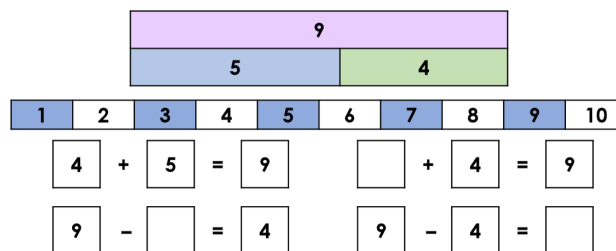Write all of the possible number sentences.

Year 2

5 + 3 = 8; 3 + 5 = 8; 8 − 3 = 5; 8 − 5 = 3

8

---

5 + 4 = 9; 9 − 5 = 4; 9 − 4 = 5

9	
5	4

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

$4 + 5 = 9$ $\square + 4 = 9$

$9 - \square = 4$ $9 - 4 = \square$

True

If 5 + 5 = 10, then 10 − 5 = 5.

A. 2 + 4 = 6; B. 4 + 2 = 6; C. 6 − 2 = 4; D. 6 − 4 = 2; E. 2 and 4; F. Accept any accurate representation of the number sentences within the ten frame.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

A. $\square + \square = 6$ B. $\square + \square = 6$

C. $6 - \square = 4$ D. $6 - \square = 2$

E. 6

F.

Fact family using the numbers 9, 5 and 4.

| 4 | 5 | 1 | 8 |

$\square + \square = 9$

$9 - \square = \square$

Write all of the possible number sentences.

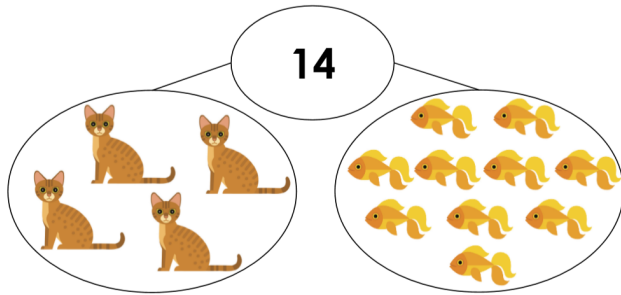**Fact family using the numbers 7, 5 and 2.**

| 4 | 2 | 3 | 5 |

$\square + \square = 7$

$7 - \square = \square$

Write all of the possible number sentences.

Year 2

Frankie has 14 pets. Using +, – and = write the 4 number sentences that show Frankie's pets.

14

Use the bar model to complete the number sentences below.

| 17 | |
| 5 | 12 |

12 + ☐ = 17   5 + ☐ = 17

☐ – 5 = ☐   ☐ – 12 = ☐

True or false?

If 18 + 2 = 20, then 20 + 2 = 18.

Use the cards to complete the fact family number sentences. Complete the part whole model and ten frames to match your sentences

1 2 3 4 5 6 7 8 9 10

A. ☐ + ☐ = 16   B. ☐ + ☐ = 16

C. 16 – ☐ = ☐   D. 16 – ☐ = ☐

E. 16   F.

Use the number cards below to find two fact families.

5 8 9 4 6 10

☐ + ☐ = 14

14 – ☐ = ☐

Write all of the possible number sentences.

Use the number cards below to find two fact families.

3 4 9 5 8 7

☐ + ☐ = 12

12 – ☐ = ☐

Write all of the possible number sentences.

Year 2

14

17	
5	12

12 + ☐ = 17   5 + ☐ = 17

☐ − 5 = ☐   ☐ − 12 = ☐

If 18 + 2 = 20, then 20 + 2 = 18.

1 2 3 4 5 6 7 8 9 10

A. ☐ + ☐ = 16   B. ☐ + ☐ = 16

C. 16 − ☐ = ☐   D. 16 − ☐ = ☐

E. 16   F.

5 8 9 4 6 10

☐ + ☐ = 14

14 − ☐ = ☐

Write all of the possible number sentences.

3 4 9 5 8 7

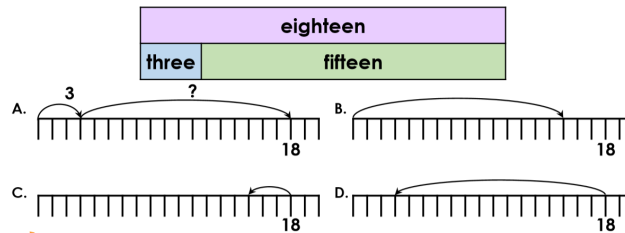☐ + ☐ = 12

12 − ☐ = ☐

Write all of the possible number sentences.

Year 2

Sacha has 17 tools. Using +, − and = write the 4 number sentences that could show Sacha's tools.

seventeen

Hammers

Screwdrivers
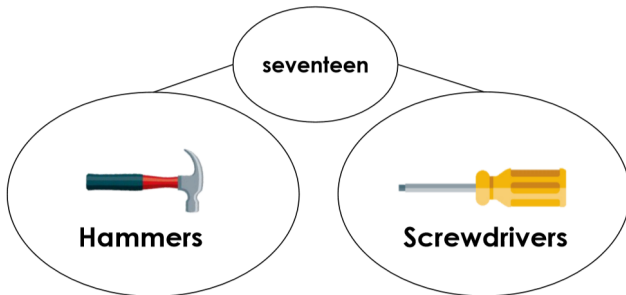
Use the bar model to complete the number lines below.

eighteen	
three	fifteen

A.
3
?
18

B.
18

C.
18

D.
18

True or false?

If 20 − 9 = 11, then 20 + 11 = 9.

Use the cards to make four fact family number sentences within twenty. Complete the part-whole model and ten frames to match your sentences.

| one | two | three | four | five | six | seven | eight | nine | ten |

A. ☐ + ☐ = ☐

B. ☐ + ☐ = ☐

C. ☐ − ☐ = ☐

D. ☐ − ☐ = ☐

E.

F.

Use the number cards below to find two fact families.

| seven | nine | twelve | eight |

| twelve | thirteen | three |

☐ + ☐ = ☐

☐ − ☐ = ☐

Write all of the possible number sentences.

Use the number cards below to find two fact families.
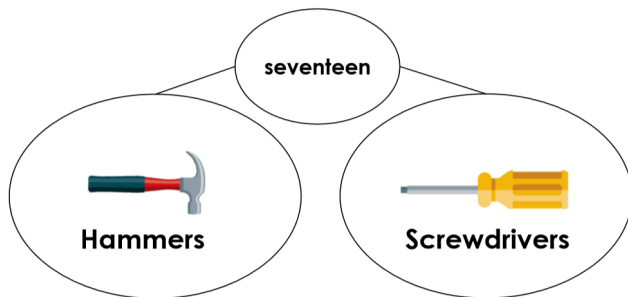
| nine | six | fifteen | fourteen |

| five | ten | four |

☐ + ☐ = ☐

☐ − ☐ = ☐
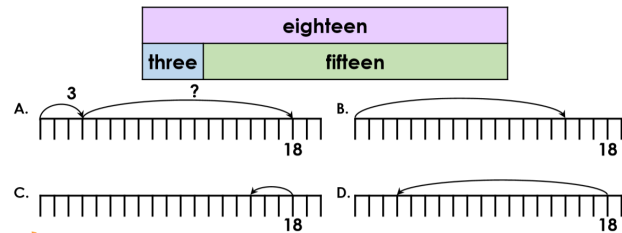
Write all of the possible number sentences.

Year 2

Various answers, for example: 8 + 9 = 17; 9 + 8 = 17; 17 − 8 = 9; 17 − 9 = 8

seventeen

Hammers

Screwdrivers

A. jump of 15 labelled; B. jump of 15 labelled, jump of 3 drawn and labelled; C. jump of 3 labelled, jump of 15 drawn and labelled; D. jump of 15 labelled, jump of 3 drawn and labelled.

eighteen	
three	fifteen

A. 3 ? 18
B. 18
C. 18
D. 18

False, because 20 + 11 = 31; it should be 20 − 11 = 9.

If 20 − 9 = 11, then 20 + 11 = 9.

Various answers, for example: A. 6 + 13 = 19; B. 13 + 6 = 19; C. 19 − 13 = 6; D. 19 − 6 = 13; E. 6, 13 and 19; F. Accept any accurate representation of the number sentences within the ten frames.

one	two	three	four	five	six	seven	eight	nine	ten

A. ☐ + ☐ = ☐   B. ☐ + ☐ = ☐

C. ☐ − ☐ = ☐   D. ☐ − ☐ = ☐

E.   F.

Possible sets of numbers: 7, 5 and 12; 8, 4 and 12; 8, 7 and 15 or 8, 5 and 13. Various answers, for example: 7 + 5 = 12; 5 + 7 = 12; 12 − 5 = 7 or 12 − 7 = 5.

seven   nine   twelve   eight

twelve   thirteen   three

☐ + ☐ = ☐

☐ − ☐ = ☐

Write all of the possible number sentences.

Possible sets of numbers: 4, 6 and 10 or 6, 9 and 15. Various answers, for example: 6 + 9 = 15; 9 + 6 = 15; 15 − 9 = 6; 15 − 6 = 9

nine   six   fifteen   fourteen

five   ten   four

☐ + ☐ = ☐

☐ − ☐ = ☐

Write all of the possible number sentences.