

Number Bonds Practice (Introduction) (Worksheet 1)

Q1: Complete the model and write the subtraction fact.

$$\begin{array}{r} 15 \\ / \ \backslash \\ 6 \quad ? \\ 15 - 6 = \underline{\quad\quad} \end{array}$$

Q2: Complete the model and write the subtraction fact.

$$\begin{array}{r} 18 \\ / \ \backslash \\ 9 \quad ? \\ 18 - 9 = \underline{\quad\quad} \end{array}$$

Q3: Draw the model and solve.

$$\begin{array}{r} 16 \\ / \ \backslash \\ 7 \quad ? \\ 16 - 7 = \underline{\quad\quad} \end{array}$$

Q4: Complete the model and write the subtraction fact.

$$\begin{array}{r} 20 \\ / \ \backslash \\ 8 \quad ? \\ 20 - 8 = \underline{\quad\quad} \end{array}$$

Q5: Complete the model and write the subtraction fact.

$$\begin{array}{r} 17 \\ / \ \backslash \\ 5 \quad ? \\ 17 - 5 = \underline{\quad\quad} \end{array}$$

Bonus Challenge: If $7 + 8 = 15$, what is $15 - 7$?

Fact Families (Addition & Subtraction Connection) (Worksheet 2)

Use the addition fact to write the subtraction facts. Draw models if needed!

Q1: $5 + 8 = 13$

$13 - 5 = \underline{\quad}$

$13 - 8 = \underline{\quad}$

Q2: $4 + 9 = 13$

$13 - 4 = \underline{\quad}$

$13 - 9 = \underline{\quad}$

Q3: $7 + 6 = 13$

$13 - 7 = \underline{\quad}$

$13 - 6 = \underline{\quad}$

Q4: $8 + 7 = 15$

$15 - 8 = \underline{\quad}$

$15 - 7 = \underline{\quad}$

Q5: $9 + 6 = 15$

$15 - 9 = \underline{\quad}$

$15 - 6 = \underline{\quad}$

Q6: $3 + 9 = 12$

$12 - 3 = \underline{\quad}$

$12 - 9 = \underline{\quad}$

Q7: $11 + 4 = 15$

$15 - 11 = \underline{\quad}$

$15 - 4 = \underline{\quad}$

Q8: $2 + 10 = 12$

$12 - 2 = \underline{\quad}$

$12 - 10 = \underline{\quad}$

Challenge: Create your own fact family!

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

Solving with Models (Fill the Missing Part) (Worksheet 3)

Q1:

19

/ \

8 ?

Missing part: _____

19 - 8 = _____

Q2:

21

/ \

9 ?

Missing part: _____

21 - 9 = _____

Q3:

25

/ \

11 ?

Missing part: _____

25 - 11 = _____

Q4:

22

/ \

7 ?

Missing part: _____

22 - 7 = _____

Create Your Own Cultural Problems (Worksheet 4)

Transform number sentences into stories inspired by **First Nations culture**:

Q1: There are 18 balloons. 7 are blue and the rest are red. How many are red?

Draw your model:

Answer: _____ red balloons

Q2: A farm has 20 chickens. 9 are inside the coop. How many are outside?

Draw your model:

Answer: _____ chickens outside

Q3: There are 17 books on a shelf. 6 are storybooks. How many are not storybooks?

Draw your model:

Answer: _____ books

Q4: Liam has 19 marbles. He loses 8. How many marbles does he have left?

Draw your model:

Answer: _____ marbles left

Q5: A class has 21 students. 10 are girls. How many are boys?

Draw your model:

Answer: _____ boys

Q6: There are 16 birds in a tree. 5 fly away. How many birds are left?

Draw your model:

Answer: _____ birds left

Q7: A baker makes 22 cupcakes. 11 are vanilla. How many are not vanilla?

Draw your model:

Answer: _____ cupcakes

Q8: There are 14 cars in a parking lot. 6 leave. How many cars remain?

Draw your model:

Answer: _____ cars

Q9: A basket has 25 oranges. 12 are small. How many are large?

Draw your model:

Answer: _____ large oranges

Mixed Strategy Practice (Harder) (Worksheet 5)

Solve using part-part-whole models. Show your working!

Q1: $19 - 7 = ?$

Model:

Answer: _____

Q2: If $8 + 5 = 13$, then $13 - 5 = ?$

Model or fact family:

Answer: _____

Q3: Complete: $16 - ? = 9$

Model:

Answer: $? =$ _____

Q4: A group of 18 children. 9 are girls. How many are boys?

Model:

Answer: _____

Q5: Which subtraction fact matches this model?

$$25 \quad / \quad \backslash \quad 10 \quad ?$$

$25 - 10 =$ _____

Q6: Write TWO subtraction facts for $6 + 7 = 13$.

Fact 1: _____ - _____ = _____

Fact 2: _____ - _____ = _____

Q7: $22 - 9 = ?$

Model:

Answer: _____

Q8: If $10 + 4 = 14$, then $14 - 10 = ?$

Model or fact family:

Answer: _____
