

Lesson 2: Relating Addition and Subtraction

1. Write the related facts for each fact.

a) $7 + 8 = 15$

b) $3 + 8 = 11$

c) $14 - 9 = 5$

d) $11 - 7 = 4$

2. Write a set of related facts that uses each set of numbers.

a) 16, 8, 8

b) 7, 5, 12

c) 9, 4, 13

d) 8, 6, 14

3. There are 13 children on the bus.

Seven are from Grade 2. The rest are from Grade 3.

How many are from Grade 3?

Lesson 3: Addition and Subtraction Equations

1. Solve each equation. Explain your strategy.

a) $\square + 7 = 17$

b) $\square - 6 = 11$

c) $\square - 4 = 7$

d) $18 - \square = 5$

For questions 2 and 3, write an equation with a missing number. Solve the equation with a strategy of your choice.

2. Eva had 13 animal stickers.

She gave some of her animal stickers to Kris.

Eva has 6 stickers left. How many stickers did Eva give to Kris?

3. There are 7 soccer balls in a bin.

Shawna put some more soccer balls in the bin.

Now there are 12 soccer balls in the bin.

How many soccer balls did Shawna put into the bin?

Lesson 4: Estimating Sums

1. Which number is the better estimate for each sum?
a) $57 + 79 = 130$ or 140 ? **b)** $12 + 37 = 50$ or 60 ?

2. Nemo and Dory went to the local pet store.
Nemo counted 32 orange clown fish. Dory counted 24 blue tetras.
About how many fish did they count altogether?

3. Stella has 39 movies on DVD and 27 movies on videotape.
About how many movies does Stella have?

Lesson 5: Adding 2-Digit Numbers

1. Add.

a) $52 + 16$

b) $63 + 11$

c) $48 + 25$

d) $37 + 49$

2. Add. What patterns do you see?

a) $30 + 30$

b) $20 + 10$

$31 + 29$

$20 + 11$

$32 + 28$

$20 + 12$

$33 + 27$

$20 + 13$

3. Mr. DeCastro's class is collecting cereal boxes for an art project. On Monday, the children brought in 26 boxes. On Wednesday, the children brought in 48 boxes. How many boxes did they bring in altogether?

Lesson 6: Using Mental Math to Add

1. Add.

a) $22 + 49$

b) $33 + 25$

c) $34 + 57$

d) $66 + 14$

2. Justin and Priya went apple picking.

Justin picked 34 apples and Priya picked 28 apples.

How many apples did they pick altogether?

3. During a car ride, Romy and Victor decided to count trucks. Romy counted 33 silver trucks and Victor counted 57 black trucks. How many trucks did they count altogether?

Lesson 7: Adding 3-Digit Numbers

1. Add.

$$\begin{array}{r} \text{a) } 369 \\ + 246 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 357 \\ + 591 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c) } 508 \\ + 435 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d) } 735 \\ + 123 \\ \hline \end{array}$$

2. Add. See how many you can do mentally.

a) $235 + 360$

b) $426 + 534$

c) $175 + 300$

d) $632 + 228$

3. A store sold 136 pairs of shoes on Friday and 278 pairs of shoes on Saturday.

How many pairs of shoes did the store sell over the 2 days?

Lesson 8: Estimating Differences

1. Which number is the better estimate for each sum?
a) $76 - 45 = 20$ or 30 ? b) $56 - 17 = 30$ or 40 ?

2. Anika had 78 stickers. She gave away 57 stickers.
About how many stickers does Anika have now?

3. There are 83 people at a picnic.
Twenty-nine people leave to go to a soccer game.
About how many people are still at the picnic?

Lesson 9: Subtracting 2-Digit Numbers

1. Subtract.

a) $76 - 33$

b) $88 - 45$

c) $55 - 27$

d) $51 - 29$

2. Subtract. What patterns do you see?

a) $50 - 30$

b) $55 - 30$

$51 - 31$

$55 - 31$

$52 - 32$

$55 - 32$

$53 - 33$

$55 - 33$

3. Mr. DeCastro's class is collecting cereal boxes for an art project. On Monday, the children brought in 26 boxes. On Wednesday, the children brought in 43 boxes. How many more boxes did they bring on Wednesday than on Monday?

Lesson 10: Using Mental Math to Subtract

1. Subtract.

a) $35 - 17$

b) $78 - 55$

c) $56 - 49$

d) $67 - 25$

e) $47 - 18$

f) $99 - 77$

2. Subtract. What patterns do you see?

a) $58 - 10$

b) $99 - 10$

$58 - 20$

$89 - 20$

$58 - 30$

$79 - 30$

$58 - 40$

$69 - 40$

3. There were 37 vans in the parking lot.

More vans parked, and then there were 53 vans.

How many more vans parked?

Lesson 11: Subtracting 3-Digit Numbers

1. Subtract.

$$\begin{array}{r} \text{a) } 864 \\ - 231 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 758 \\ - 494 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c) } 675 \\ - 111 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d) } 937 \\ - 556 \\ \hline \end{array}$$

2. Subtract.

$$\text{a) } 438 - 370$$

$$\text{b) } 842 - 767$$

$$\text{c) } 321 - 222$$

$$\text{d) } 500 - 228$$

3. Mrs. Kamel's class has 565 coloured cubes.

Mr. Reeve's class has 954.

How many more coloured cubes does Mr. Reeve's class have?

