

Center Activity 1.05 Answer Key

Match to Make 10

★ Below Level

Check Understanding

Possible answer: 8 and 2 add to 10. I can count on 2 from 8 to make 10.

Recording Sheet

Answers will vary. Sample answers:

Row 1: $1 + 9 = 10$; $10 = 1 + 9$

Row 2: $10 = 2 + 8$; $2 + 8 = 10$

Row 3: $3 + 7 = 10$; $10 = 3 + 7$

Row 4: $10 = 4 + 6$; $4 + 6 = 10$

★★ On Level

Check Understanding

Possible answer: 8 and 2 add to 10. I can count on 2 from 8 to make 10.

Recording Sheet

Answers will vary. Sample answers:

Row 1: $1 + 9 = 10$; $10 = 9 + 1$

Row 2: $10 = 2 + 8$; $8 + 2 = 10$

Row 3: $3 + 7 = 10$; $10 = 7 + 3$

Row 4: $10 = 4 + 6$; $6 + 4 = 10$

Row 5: $10 = 5 + 5$; $5 + 5 = 10$

Row 6: $0 + 10 = 10$; $10 = 10 + 0$

★★★ Above Level

Check Understanding

Possible answer: 5 and 5 add to 10. I can double 5 to make 10.

Recording Sheet

Answers will vary. Sample answers:

Row 1: $1 + 9 = 10$; $10 = 9 + 1$

Row 2: $10 = 2 + 8$; $8 + 2 = 10$

Row 3: $3 + 7 = 10$; $10 = 7 + 3$

Row 4: $10 = 4 + 6$; $6 + 4 = 10$

Row 5: $10 = 5 + 5$; $5 + 5 = 10$

Row 6: $0 + 10 = 10$; $10 = 0 + 10$

Row 7: $10 = 9 + 1$; $9 + 1 = 10$

Row 8: $10 = 8 + 2$; $2 + 8 = 10$

Center Activity 1.06 Answer Key

Number Bond Facts

★ Below Level

Check Understanding

Sample answer: Start at 3 and count on 2. $3 + 2 = 5$

Recording Sheet

Answers will vary. Sample answers:

Row 1: $6 = 3 + 3$; $2 + 4 = 6$

Row 2: $7 = 2 + 5$; $5 = 4 + 1$

Row 3: $5 = 3 + 2$; $1 + 6 = 7$

★★ On Level

Check Understanding

Sample answer: Start at 4 and count on 3. Since I know $4 + 3 = 7$, I know $7 - 3 = 4$.

Recording Sheet

Answers will vary. Sample answers:

A. 4 ; $9 = 5 + 4$; $5 = 9 - 4$

B. 2 ; $2 + 4 = 6$; $2 = 6 - 4$

C. 5 ; $7 = 2 + 5$; $7 - 2 = 5$

D. 4 ; $8 = 4 + 4$; $4 = 8 - 4$

E. 2 ; $5 = 3 + 2$; $3 = 5 - 2$

F. 4 ; $4 + 6 = 10$; $10 - 4 = 6$

★★★ Above Level

Check Understanding

Sample answer: Start at 6 and count on 3. Since I know $3 + 6 = 9$, I know $9 - 3 = 6$.

Recording Sheet

Answers will vary. Sample answers:

A. 4 ; $9 = 5 + 4$; $5 = 9 - 4$

B. 10 ; $10 + 0 = 10$; $10 = 10 - 0$

C. 5 ; $7 = 2 + 5$; $7 - 2 = 5$

D. 4 ; $8 = 4 + 4$; $4 = 8 - 4$

E. 6 ; $9 = 3 + 6$; $3 = 9 - 6$

F. 4 ; $4 + 6 = 10$; $10 - 4 = 6$

Center Activity 1.57 Answer Key

Find the Missing Number

★ Below Level

Check Understanding

Children explain strategies for finding the missing number in the equation $13 - ? = 9$. Strategies may include using counters to count on from 9, or finding the difference between 13 and 9. Children find $13 - 4 = 9$.

Recording Sheet

Children write an equation that tells the problem they have just solved, for example, $6 + 5 = 11$ or $11 - 6 = 5$.

★★ On Level

Check Understanding

Children explain strategies for finding the missing number in the equation $15 - ? = 7$. Strategies may include using counters to count on from 7, or finding the difference between 15 and 7. Children find $15 - 8 = 7$.

Recording Sheet

Children write an equation that tells the problem they have just solved, for example, $6 + 7 = 13$ or $13 - 6 = 7$.

★★★ Above Level

Check Understanding

Children explain strategies for finding the missing number in the equation $17 - ? = 9$. Strategies may include counting on from 9, or finding the difference between 17 and 9. Children find $17 - 8 = 9$.

Recording Sheet

Children write an equation that tells the problem they have just solved, for example, $9 + 9 = 18$ or $18 - 9 = 9$.

Center Activity 1.58 Answer Key

I Went Shopping . . .

★ Below Level

Check Understanding

Children use counters to solve the word problem and say that 7 oranges were bought.

Sample Answers

Children use the sentence starters to tell a story. Stories will vary. Children use the equation frames to write an equation that describes the story and then solve using counters. For example, I bought 12 donuts. I gave 8 to my family. How many do I have left? $12 - 8 = ?$ (4 donuts left).

★★ On Level

Check Understanding

Children use counters to solve the word problem. They may use an equation to describe the story, such as $14 - 6 = ?$ or $6 + ? = 14$. Children find that 8 oranges were bought.

Sample Answers

Children use the sentence starters to tell a story. Stories will vary. Children use the equation frames to write an equation that describes the story and then solve it. For example, I bought 13 balloons. I gave some to my friend. Now I have 7 balloons. How many did I give away? $13 - 6 = 7$. I gave my friend 6 balloons.

★★★ Above Level

Check Understanding

Children solve the word problem. They may use an equation to describe the story, such as $17 - 9 = ?$ or $9 + ? = 17$. Children find that 8 oranges were bought.

Sample Answers

Children use the sentence starters to tell a story. Stories will vary. Children use the equation frames to write an equation that describes the story and then solve using counters. For example, I bought some black pens and 8 blue pens. Now I have 15 pens in all. How many black pens did I buy?