

Center Activity Answer Key

Activity 3.51

Multiplication Race 1

★ Check Understanding

20; Possible answer: I used an array to show 2 equal groups of 10. Then I skip-counted by tens 2 times.

Activity Notes

Students will practice their multiplication facts for 0, 1, 2, 5, and 10 by multiplying any number 0 through 7 or, 10 with 0, 1, 2, 5, or 10. Check students' work for valid multiplication strategies and correct products.

★★ Check Understanding

20; Possible answer: I used an array to show 4 equal groups of 5. Then I skip-counted by fives 4 times.

Activity Notes

Students will practice their multiplication facts for 0, 1, 2, 5, and 10 by multiplying any number 0 through 10 with 0, 1, 2, 5, or 10. Check students' work for valid multiplication strategies and correct products.

★★★ Check Understanding

40; Possible answer: I used an array to show 8 equal groups of 5. Then I skip-counted by fives 8 times.

Activity Notes

Students will practice their multiplication facts for 0, 1, 2, 5, and 10 by multiplying any number 0 through 10 with 0, 1, 2, 5, or 10. Check students' work for valid multiplication strategies and correct products, and make sure explanations are based on correct reasoning.

Center Activity Answer Key

Activity 3.8

Use a Related Fact

★ Check Understanding

7; Possible explanation: Since I know the related multiplication fact, $5 \times 7 = 35$, I know the missing number is 7 because related facts use the same numbers.

Recording Sheet

Possible answers shown.

$$20 \div 4 = 5, 5 \times 4 = 20$$

$$3 \times 2 = 6, 6 \div 3 = 2$$

$$5 \times 3 = 15, 15 \div 3 = 5$$

$$4 \times 6 = 24, 6 \times 4 = 24$$

$$10 \div 5 = 2, 2 \times 5 = 10$$

$$18 \div 9 = 2, 18 \div 2 = 9$$

$$30 \div 5 = 6, 5 \times 6 = 30$$

$$4 \times 7 = 28, 28 \div 4 = 7$$

$$32 \div 8 = 4, 4 \times 8 = 32$$

★★ Check Understanding

8; Possible explanation: Since I know the related multiplication fact, $6 \times 8 = 48$, I know the missing number is 8 because related facts use the same numbers.

Recording Sheet

Possible answers shown.

$$7 \times 4 = 28, 28 \div 7 = 4$$

$$40 \div 5 = 8, 8 \times 5 = 40$$

$$6 \times 4 = 24, 24 \div 4 = 6$$

$$35 \div 7 = 5, 5 \times 7 = 35$$

$$3 \times 9 = 27, 9 \times 3 = 27$$

$$24 \div 3 = 8, 24 \div 8 = 3$$

$$32 \div 4 = 8, 8 \times 4 = 32$$

$$7 \times 3 = 21, 3 \times 7 = 21$$

$$12 \div 4 = 3, 4 \times 3 = 12$$

★★★ Check Understanding

7; Possible explanation: Since I know the related multiplication fact, $7 \times 9 = 63$, I know the missing number is 7 because related facts use the same numbers.

Recording Sheet

Possible answers shown.

$$28 \div 4 = 7, 7 \times 4 = 28$$

$$7 \times 6 = 42, 6 \times 7 = 42$$

$$54 \div 6 = 9, 6 \times 9 = 54$$

$$8 \times 7 = 56, 7 \times 8 = 56$$

$$9 \times 8 = 72, 72 \div 9 = 8$$

$$45 \div 9 = 5, 45 \div 5 = 9$$

$$63 \div 9 = 7, 9 \times 7 = 63$$

$$48 \div 8 = 6, 8 \times 6 = 48$$

$$9 \times 4 = 36, 36 \div 9 = 4$$

Center Activity Answer Key

Activity 3.11

Find the Missing Number

★ **Check Understanding**

3; Possible answer: $6 \times 3 = 18$

Recording Sheet

Answers will show a related multiplication and division fact.

★★ **Check Understanding**

4; Possible answer: $6 \times 4 = 24$

Recording Sheet

Answers will show a related multiplication and division fact.

★★★ **Check Understanding**

8; Possible answer: $6 \times 8 = 48$

Recording Sheet

Answers will show a related multiplication and division fact.