

# Problem Solving

## Skill 3 - 19E

### Problem Solving: Division

**Directions:** Solve the following word problems. Write any remainder.

**1.** Example

April works at a toy store. She wants to pack 376 toys in boxes. Each box holds 9 toys. How many full boxes will she have?

$$\begin{array}{r} 41 \text{ r } 7 \\ 9 \overline{) 376} \\ \underline{- 36} \phantom{0} \\ 16 \\ \underline{- 9} \\ 7 \end{array}$$

41 Boxes

**2.**

John has \$34 to buy baseball gloves. Each glove costs \$5. How many baseball gloves can John buy?

**3.**

Kevin wants to pack 75 toys cars in boxes. Each box holds 6 toy cars. How many full boxes will he have?

**4.**

Janice's class is going on a field trip. There are 34 people going on the trip. Each car holds 4 people. How many cars will be needed?

Name \_\_\_\_\_

Date \_\_\_\_\_

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**Directions:** Solve the following word problems. Write any remainder.

**5.**

Lucy wants to plant 174 flowers. She will plant 9 flowers in each row. How many complete rows will Lucy plant?

**6.**

Sally has \$135 to buy basketballs. Each ball costs \$7. How many basketballs can Sally buy?

**7.**

Joe's pet store wants to put 66 fish into tanks. Each tank holds 4 fish. How many tanks will be full?

**8.**

Jerry wants to plant 67 trees. He will plant 5 trees in each row. How many complete rows of trees will Jerry plant?

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**Directions:** Solve the following word problems. Write any remainder.

**9.**

Bob's class is going on a field trip. There are 158 people going on the trip. Each van holds 8 people. How many vans will be needed?

**10.**

Carol has \$223 to buy soccer balls. Each ball costs \$8. How many soccer balls can Carol buy?

**11.**

Mr. Jones has 182 beads. He wants to divide them equally among 8 students. How many beads will each student get? How many beads are left over?

**12.**

Nancy has 221 marbles. She wants to give each of her 9 classmates an equal number of marbles. How many marbles will each classmate get? How many marbles will be left over?

Answer Key  
Skill 3 - 19E

**Problem Solving: Division**

**Directions:** Solve the following word problems. Write any remainder.

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| <p>1. Example<br/>April works at a toy store. She wants to pack 376 toys in boxes. Each box holds 9 toys. How many full boxes will she have?</p> <p>41 Boxes</p>                                           | <p>2.<br/>John has \$34 to buy baseball gloves. Each glove costs \$5. How many baseball gloves can John buy?</p> <p><math>34 \div 5 = 6 \text{ r}4</math><br/><b>He can buy 6 gloves.</b></p>                                          |
| <p>3.<br/>Kevin wants to pack 75 toys cars in boxes. Each box holds 6 toy cars. How many full boxes will he have?</p> <p><math>75 \div 6 = 12 \text{ r}3</math><br/><b>He will have 12 full boxes.</b></p> | <p>4.<br/>Janice's class is going on a field trip. There are 34 people going on the trip. Each car holds 4 people. How many cars will be needed?</p> <p><math>34 \div 4 = 8 \text{ r}2</math><br/><b>Nine cars will be needed.</b></p> |

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| <p>5.<br/>Lucy wants to plant 174 flowers. She will plant 9 flowers in each row. How many complete rows will Lucy plant?</p> <p><math>174 \div 9 = 19 \text{ r}3</math><br/><b>She will plant 9 complete rows.</b></p> | <p>6.<br/>Sally has \$135 to buy basketballs. Each ball costs \$7. How many basketballs can Sally buy?</p> <p><math>135 \div 7 = 19 \text{ r}2</math><br/><b>She can buy 19 basketballs.</b></p>                                    |
| <p>7.<br/>Joe's pet store wants to put 66 fish into tanks. Each tank holds 4 fish. How many tanks will be full?</p> <p><math>66 \div 4 = 16 \text{ r}2</math><br/><b>There will be 16 full tanks.</b></p>              | <p>8.<br/>Jerry wants to plant 67 trees. He will plant 5 trees in each row. How many complete rows of trees will Jerry plant?</p> <p><math>67 \div 5 = 13 \text{ r}2</math><br/><b>He will plant 13 complete rows of trees.</b></p> |

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| <p>9.<br/>Bob's class is going on a field trip. There are 158 people going on the trip. Each van holds 8 people. How many vans will be needed?</p> <p><math>158 \div 8 = 19 \text{ r}6</math><br/><b>Twenty vans will be needed.</b></p>                                                     | <p>10.<br/>Carol has \$223 to buy soccer balls. Each ball costs \$8. How many soccer balls can Carol buy?</p> <p><math>\\$223 \div \\$8 = 27 \text{ r}7</math><br/><b>She can buy 27 soccer balls.</b></p>                                                                                                                      |
| <p>11.<br/>Mr. Jones has 182 beads. He wants to divide them equally among 8 students. How many beads will each student get? How many beads are left over?</p> <p><math>182 \div 8 = 22 \text{ r}6</math><br/><b>Each student will get 22 beads.<br/>There will be 6 beads left over.</b></p> | <p>12.<br/>Nancy has 221 marbles. She wants to give each of her 9 classmates an equal number of marbles. How many marbles will each classmate get? How many marbles will be left over?</p> <p><math>221 \div 9 = 24 \text{ r}5</math><br/><b>Each classmate will get 24 marbles.<br/>There will be 5 marbles left over.</b></p> |