

Name \_\_\_\_\_

## Compare Strategies: Draw a Picture/Make a Table

Complete the table. Look for patterns.

- Happy Valley Daycare requires 3 teachers for every 15 children. For 135 children, how many teachers are needed?

|                 |    |    |    |    |    |    |    |     |     |
|-----------------|----|----|----|----|----|----|----|-----|-----|
| <b>Children</b> | 15 | 30 | 45 | 60 | 75 | 90 |    | 120 | 135 |
| <b>Teachers</b> | 3  |    |    | 12 |    |    | 21 |     |     |

Use any strategy to solve each problem.

- For Happy Valley Daycare's bake sale, a local bakery gives the daycare a free dozen cookies for every \$15 raised. If the daycare received 300 free cookies, how much was raised? \_\_\_\_\_
- A ticket to ride the merry-go-round costs \$2.25 per adult and \$1.75 per child. A group of 2 adults and 6 children plan to ride the merry-go-round. How much will it cost them? \_\_\_\_\_
- At the lunch stand, you can buy a hamburger, chips, and a drink for \$4.25. The regular price of a hamburger is \$3.25, chips are \$0.75, and a drink is \$1.25. A family of four all order the special. How much money did they save? \_\_\_\_\_
- At the bake sale, there are 5 stands. The cookie stand is 4 stands away from the pie stand. The stand that sells ice cream is between the pie stand and the cake stand. The lunch stand is after the cookie stand but before the cake stand. Write the names of the stands in order.  
\_\_\_\_\_  
\_\_\_\_\_
- The charge for pies is \$4.25 for one, or \$7.50 for two. One parent buys 9 pies. What is the total cost? \_\_\_\_\_

Answer Key

## Compare Strategies: Draw a Picture/Make a Table

Complete the table. Look for patterns.

1. Happy Valley Daycare requires 3 teachers for every 15 children. For 135 children, how many teachers are needed?

|                 |    |          |          |    |           |           |            |           |           |
|-----------------|----|----------|----------|----|-----------|-----------|------------|-----------|-----------|
| <b>Children</b> | 15 | 30       | 45       | 60 | 75        | 90        | <b>105</b> | 120       | 135       |
| <b>Teachers</b> | 3  | <b>6</b> | <b>9</b> | 12 | <b>15</b> | <b>18</b> | 21         | <b>24</b> | <b>27</b> |

Use any strategy to solve each problem.

2. For Happy Valley Daycare's bake sale, a local bakery gives the daycare a free dozen cookies for every \$15 raised. If the daycare received 300 free cookies, how much was raised? \$375.00
3. A ticket to ride the merry-go-round costs \$2.25 per adult and \$1.75 per child. A group of 2 adults and 6 children plan to ride the merry-go-round. How much will it cost them? \$15.00
4. At the lunch stand, you can buy a hamburger, chips, and a drink for \$4.25. The regular price of a hamburger is \$3.25, chips are \$0.75, and a drink is \$1.25. A family of four all order the special. How much money did they save? \$4.00
5. At the bake sale, there are 5 stands. The cookie stand is 4 stands away from the pie stand. The stand that sells ice cream is between the pie stand and the cake stand. The lunch stand is after the cookie stand but before the cake stand. Write the names of the stands in order.  
Cookie stand, lunch stand, cake stand, ice cream stand, pie stand
6. The charge for pies is \$4.25 for one, or \$7.50 for two. One parent buys 9 pies. What is the total cost? \$34.25