

5<sup>th</sup> Grade  
Math & Science  
Homework

Name: \_\_\_\_\_

# *Multiplication or Division Challenge*

*Before solving each question, circle whether the question is a multiplication or division problem.*

1. There are 260 people in a room. If they are put into rows of 10, how many rows are there altogether?

$\div / \times$

2. A female blue whale can be 25 meters long. How long would a line of 67 female blue whales be?

$\div / \times$

3. An anaconda is 9 meters long. If there is a line of anacondas measuring 210 meters, how many anacondas are there?

$\div / \times$

4. There are 50 cats and 50 dogs. Each has four paws. How many paws are there altogether?

$$\div / x$$

5. There are 270 students at a school. If each student spends \$15 at Power dollars at the school store, how much money will the school store make?

$$\div / x$$

6. A queen bee can lay 2000 eggs per day. If she lays for a whole week, how many eggs will she have laid?

$$\div / x$$

7. There were 2400 marbles found on the playground. 8 children picked them up. If each child picked up the same amount, how many marbles did each child pick up?

$$\div / x$$

8. A shark has 50 teeth. If there are 170 sharks, how many teeth do they have altogether?

$$\div / x$$

9. A bookshelf has 192 books on it. Each shelf has 3 books on it. How many shelves are there?

$$\div / x$$

10. Write your own challenge and solve it!

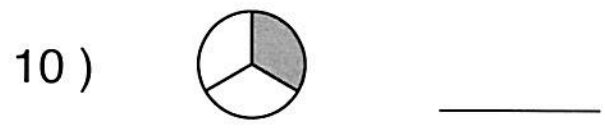
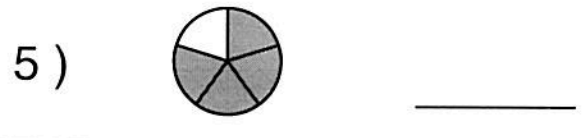
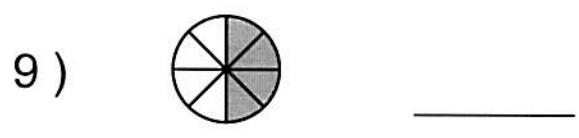
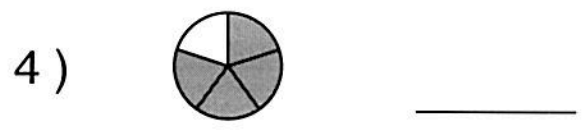
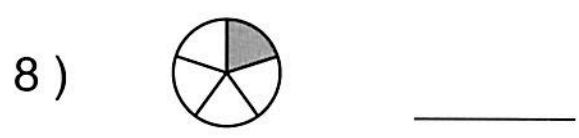
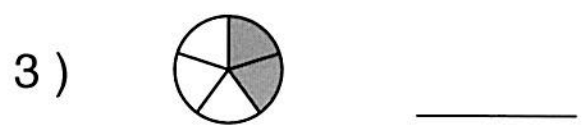
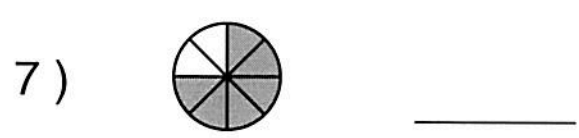
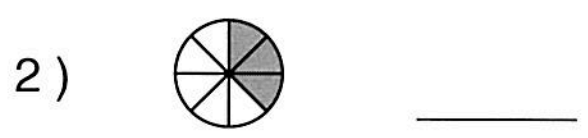
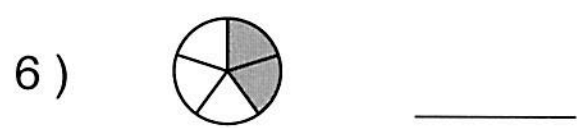
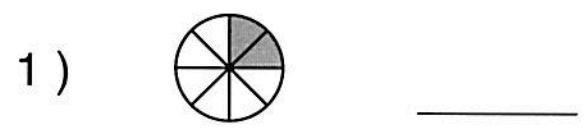
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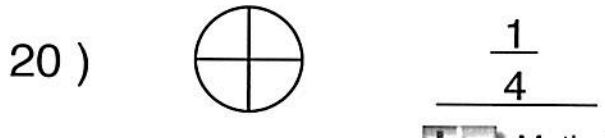
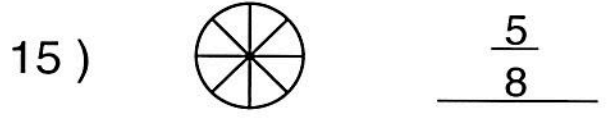
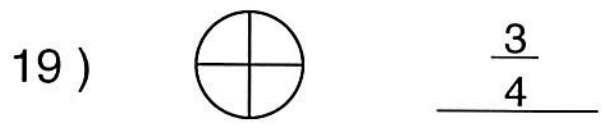
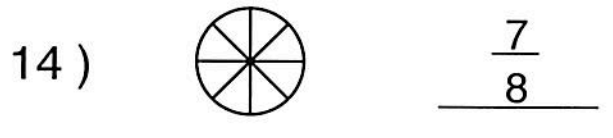
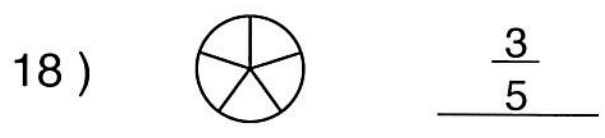
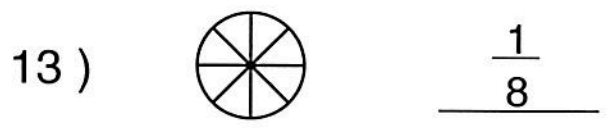
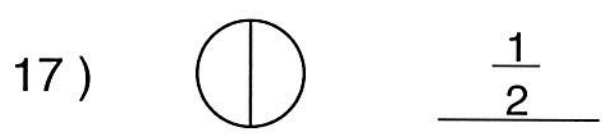
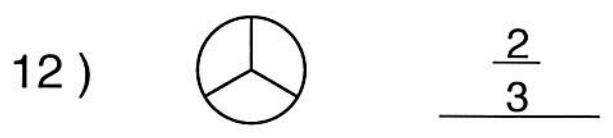
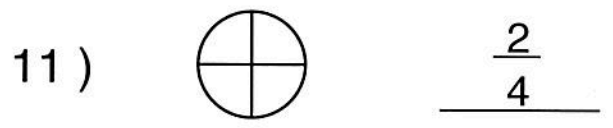
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What is the Fraction of the Shaded Area ?



Shade the Figure with the Indicated Fraction.



Name : \_\_\_\_\_

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### Adding Fractions

1)  $\frac{2}{3} + \frac{3}{4} =$

2)  $\frac{2}{3} + \frac{3}{5} =$

3)  $\frac{1}{3} + \frac{8}{10} =$

4)  $\frac{2}{3} + \frac{3}{5} =$

5)  $\frac{1}{2} + \frac{1}{5} =$

6)  $\frac{1}{2} + \frac{4}{5} =$

7)  $\frac{2}{5} + \frac{1}{4} =$

8)  $\frac{1}{2} + \frac{2}{3} =$

9)  $\frac{1}{2} + \frac{2}{3} =$

10)  $\frac{1}{10} + \frac{4}{5} =$

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### Subtracting Fractions

1)  $\frac{2}{4} - \frac{1}{3} =$

2)  $\frac{1}{3} - \frac{1}{5} =$

3)  $\frac{6}{10} - \frac{2}{5} =$

4)  $\frac{3}{4} - \frac{5}{10} =$

5)  $\frac{2}{3} - \frac{1}{4} =$

6)  $\frac{7}{10} - \frac{1}{2} =$

7)  $\frac{1}{3} - \frac{1}{4} =$

8)  $\frac{2}{4} - \frac{3}{10} =$

9)  $\frac{4}{5} - \frac{1}{3} =$

10)  $\frac{2}{4} - \frac{5}{10} =$

## **What Is a Scientific Explanation?**

1. It answers a question about how or why something happens.
2. It describes things that are not easy to observe.
3. It is based on ideas you learned from investigations and text.

### **Example of a scientific explanation Level 1**

Why don't plants live in completely dark places?

Plants don't live in completely dark places because plants need light.

### **Example of a scientific explanation Level 4**

Why don't plants live in completely dark places?

Plants don't live in completely dark places because plants need light. The reason plants need light is because light allows them to make the food they need to grow and make seeds. A plant's leaves get energy from sunlight, and that energy allows the plants to make their own food from air and water. Plants use this food to release energy for growth. Therefore, plants must live in places where their leaves can get sunlight.



