

# Fourth Grade

## MATH



Snow Packet

## Multiply and Divide by 10

1.	$2 \times 10 =$	
2.	$3 \times 10 =$	
3.	$4 \times 10 =$	
4.	$5 \times 10 =$	
5.	$1 \times 10 =$	
6.	$20 \div 10 =$	
7.	$30 \div 10 =$	
8.	$50 \div 10 =$	
9.	$10 \div 10 =$	
10.	$40 \div 10 =$	
11.	$6 \times 10 =$	
12.	$7 \times 10 =$	
13.	$8 \times 10 =$	
14.	$9 \times 10 =$	
15.	$10 \times 10 =$	
16.	$80 \div 10 =$	
17.	$70 \div 10 =$	
18.	$90 \div 10 =$	
19.	$60 \div 10 =$	
20.	$100 \div 10 =$	
21.	$\_ \times 10 = 50$	
22.	$\_ \times 10 = 10$	

23.	$\_ \times 10 = 100$	
24.	$\_ \times 10 = 20$	
25.	$\_ \times 10 = 30$	
26.	$100 \div 10 =$	
27.	$50 \div 10 =$	
28.	$10 \div 10 =$	
29.	$20 \div 10 =$	
30.	$30 \div 10 =$	
31.	$\_ \times 10 = 60$	
32.	$\_ \times 10 = 70$	
33.	$\_ \times 10 = 90$	
34.	$\_ \times 10 = 80$	
35.	$70 \div 10 =$	
36.	$90 \div 10 =$	
37.	$60 \div 10 =$	
38.	$80 \div 10 =$	
39.	$11 \times 10 =$	
40.	$110 \div 10 =$	
41.	$30 \div 10 =$	
42.	$120 \div 10 =$	
43.	$14 \times 10 =$	
44.	$140 \div 10 =$	



Multiply by 3

1.	$3 \times 1 =$	
2.	$1 \times 3 =$	
3.	$3 \times 2 =$	
4.	$2 \times 3 =$	
5.	$3 \times 3 =$	
6.	$3 \times 4 =$	
7.	$4 \times 3 =$	
8.	$3 \times 5 =$	
9.	$5 \times 3 =$	
10.	$3 \times 6 =$	
11.	$6 \times 3 =$	
12.	$3 \times 7 =$	
13.	$7 \times 3 =$	
14.	$3 \times 8 =$	
15.	$8 \times 3 =$	
16.	$3 \times 9 =$	
17.	$9 \times 3 =$	
18.	$3 \times 10 =$	
19.	$10 \times 3 =$	
20.	$1 \times 3 =$	
21.	$10 \times 3 =$	
22.	$2 \times 3 =$	

23.	$9 \times 3 =$	
24.	$3 \times 3 =$	
25.	$8 \times 3 =$	
26.	$4 \times 3 =$	
27.	$7 \times 3 =$	
28.	$5 \times 3 =$	
29.	$6 \times 3 =$	
30.	$3 \times 5 =$	
31.	$3 \times 10 =$	
32.	$3 \times 1 =$	
33.	$3 \times 6 =$	
34.	$3 \times 4 =$	
35.	$3 \times 9 =$	
36.	$3 \times 2 =$	
37.	$3 \times 7 =$	
38.	$3 \times 3 =$	
39.	$3 \times 8 =$	
40.	$11 \times 3 =$	
41.	$3 \times 11 =$	
42.	$13 \times 3 =$	
43.	$3 \times 13 =$	
44.	$12 \times 3 =$	

1. Debbie ate  $\frac{1}{3}$  of a large brownie. Julian ate  $\frac{1}{2}$  of a small brownie. Julian says, "I ate less than you because  $\frac{1}{3} > \frac{1}{2}$ ."

a. Use pictures and words to explain Julian's mistake.

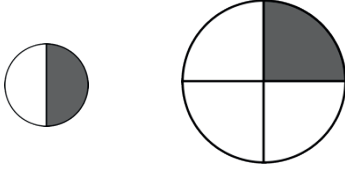
b. How could you change the problem so that Julian is correct? Use pictures and words to explain.

Multiply by 4

1.	$1 \times 4 =$	
2.	$4 \times 1 =$	
3.	$2 \times 4 =$	
4.	$4 \times 2 =$	
5.	$3 \times 4 =$	
6.	$4 \times 3 =$	
7.	$4 \times 4 =$	
8.	$5 \times 4 =$	
9.	$4 \times 5 =$	
10.	$6 \times 4 =$	
11.	$4 \times 6 =$	
12.	$7 \times 4 =$	
13.	$4 \times 7 =$	
14.	$8 \times 4 =$	
15.	$4 \times 8 =$	
16.	$9 \times 4 =$	
17.	$4 \times 9 =$	
18.	$10 \times 4 =$	
19.	$4 \times 10 =$	
20.	$4 \times 3 =$	
21.	$1 \times 4 =$	
22.	$2 \times 4 =$	

23.	$10 \times 4 =$	
24.	$9 \times 4 =$	
25.	$4 \times 4 =$	
26.	$8 \times 4 =$	
27.	$4 \times 3 =$	
28.	$7 \times 4 =$	
29.	$6 \times 4 =$	
30.	$4 \times 10 =$	
31.	$4 \times 5 =$	
32.	$4 \times 6 =$	
33.	$4 \times 1 =$	
34.	$4 \times 9 =$	
35.	$4 \times 4 =$	
36.	$4 \times 3 =$	
37.	$4 \times 2 =$	
38.	$4 \times 7 =$	
39.	$4 \times 8 =$	
40.	$11 \times 4 =$	
41.	$4 \times 11 =$	
42.	$12 \times 4 =$	
43.	$4 \times 12 =$	
44.	$13 \times 4 =$	

1. Robert ate  $\frac{1}{2}$  of a small pizza. Elizabeth ate  $\frac{1}{4}$  of a large pizza. Elizabeth says, "My piece was larger than yours, so that means  $\frac{1}{4} > \frac{1}{2}$ ." Is Elizabeth correct? Explain your answer.

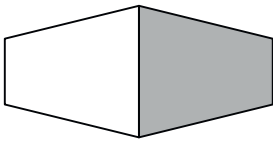


2. Manny and Daniel each ate  $\frac{1}{2}$  of his candy, as shown below. Manny said he ate more candy than Daniel because his half is longer. Is he right? Explain your answer.

Manny's Candy Bar



Daniel's Candy Bar



## Multiply and Divide by 10

1.	$1 \times 10 =$	
2.	$2 \times 10 =$	
3.	$3 \times 10 =$	
4.	$4 \times 10 =$	
5.	$5 \times 10 =$	
6.	$30 \div 10 =$	
7.	$20 \div 10 =$	
8.	$40 \div 10 =$	
9.	$10 \div 10 =$	
10.	$50 \div 10 =$	
11.	$10 \times 10 =$	
12.	$6 \times 10 =$	
13.	$7 \times 10 =$	
14.	$8 \times 10 =$	
15.	$9 \times 10 =$	
16.	$70 \div 10 =$	
17.	$60 \div 10 =$	
18.	$80 \div 10 =$	
19.	$100 \div 10 =$	
20.	$90 \div 10 =$	
21.	$\_ \times 10 = 10$	
22.	$\_ \times 10 = 50$	

23.	$\_ \times 10 = 20$	
24.	$\_ \times 10 = 100$	
25.	$\_ \times 10 = 30$	
26.	$20 \div 10 =$	
27.	$10 \div 10 =$	
28.	$100 \div 10 =$	
29.	$50 \div 10 =$	
30.	$30 \div 10 =$	
31.	$\_ \times 10 = 30$	
32.	$\_ \times 10 = 40$	
33.	$\_ \times 10 = 90$	
34.	$\_ \times 10 = 70$	
35.	$80 \div 10 =$	
36.	$90 \div 10 =$	
37.	$60 \div 10 =$	
38.	$70 \div 10 =$	
39.	$11 \times 10 =$	
40.	$110 \div 10 =$	
41.	$12 \times 10 =$	
42.	$120 \div 10 =$	
43.	$13 \times 10 =$	
44.	$130 \div 10 =$	



1. After softball, Leslie and Kelly each buy a half-liter bottle of water. Leslie drinks  $\frac{3}{4}$  of her water. Kelly drinks  $\frac{3}{5}$  of her water. Who drinks the least amount of water? Draw a picture to support your answer.
  
2. Becky and Malory get matching piggy banks. Becky fills  $\frac{2}{3}$  of her piggy bank with pennies. Malory fills  $\frac{2}{4}$  of her piggy bank with pennies. Whose piggy bank has more pennies? Draw a picture to support your answer.
  
3. Heidi lines up her dolls in order from shortest to tallest. Doll A is  $\frac{2}{4}$  foot tall, Doll B is  $\frac{2}{6}$  foot tall, and Doll C is  $\frac{2}{3}$  foot tall. Compare the heights of the dolls to show how Heidi puts them in order. Draw a picture to support your answer.

Multiply by 4

1.	$4 \times 1 =$	
2.	$1 \times 4 =$	
3.	$4 \times 2 =$	
4.	$2 \times 4 =$	
5.	$4 \times 3 =$	
6.	$3 \times 4 =$	
7.	$4 \times 4 =$	
8.	$4 \times 5 =$	
9.	$5 \times 4 =$	
10.	$4 \times 6 =$	
11.	$6 \times 4 =$	
12.	$4 \times 7 =$	
13.	$7 \times 4 =$	
14.	$4 \times 8 =$	
15.	$8 \times 4 =$	
16.	$4 \times 9 =$	
17.	$9 \times 4 =$	
18.	$4 \times 10 =$	
19.	$10 \times 4 =$	
20.	$1 \times 4 =$	
21.	$10 \times 4 =$	
22.	$2 \times 4 =$	

23.	$9 \times 4 =$	
24.	$3 \times 4 =$	
25.	$8 \times 4 =$	
26.	$4 \times 4 =$	
27.	$7 \times 4 =$	
28.	$5 \times 4 =$	
29.	$6 \times 4 =$	
30.	$4 \times 5 =$	
31.	$4 \times 10 =$	
32.	$4 \times 1 =$	
33.	$4 \times 6 =$	
34.	$4 \times 4 =$	
35.	$4 \times 9 =$	
36.	$4 \times 2 =$	
37.	$4 \times 7 =$	
38.	$4 \times 3 =$	
39.	$4 \times 8 =$	
40.	$11 \times 4 =$	
41.	$4 \times 11 =$	
42.	$12 \times 4 =$	
43.	$4 \times 12 =$	
44.	$13 \times 4 =$	



# Problem Solving

D1

Monday

## Hot Chocolate Math



How many different combinations of hot chocolate can you make?  
You must include one item from each category.

**Flavor:** white chocolate, dark chocolate, milk chocolate

**Topping:** whipped cream, mini marshmallows, large marshmallows

**Sprinkle:** chocolate sprinkles, cinnamon

Tuesday

## Hot Chocolate Math



How many different combinations of hot chocolate can you make?  
You must include one item from each category.

**Flavor:** dark chocolate, milk chocolate

**Topping:** whip cream, mini marshmallows, chocolate whip cream

**Stirrer:** cinnamon stick, candy cane, chocolate spoon

**Container:** travel mug, glass mug, coffee cup

# Problem Solving

D2

Wednesday

Use the story to answer the questions. Read carefully!

Emily and Jacob decided to bake pies for the school bake sale. They baked six pies altogether. Two of the pies were cherry and the rest were apple. They used four and a half pounds of cherries for each of the cherry pies and 9 apples for each of the apple pies. They spent 2 hours getting the pies ready to go into the oven. The pies needed to bake for 45 minutes each. Two pies could fit in the oven at a time. When they were done, they decided to keep one of the apple pies to share with their families. They brought the rest of the pies to the bake sale the next day.

A. How many pies did Emily and Jacob bring to the bake sale?

B. How many pounds of cherries did they buy?

C. How many apples did they buy?

D. How long did it take to bake all of the pies?

# Problem Solving

D3

Thursday

Use the story to answer the questions. Read carefully!

Keisha had a lovely little garden! She grew 3 rows of beans, 2 rows of peas, some squash, lettuce, and carrots. But Keisha had a problem: rabbits were coming into her garden and eating her vegetables. She decided to build a fence around her garden to keep the rabbits out. Her garden was 10 feet wide and 15 feet long. Keisha went to the hardware store to buy the materials for her fence. It cost \$65 for everything she needed. She paid with two fifty-dollar bills. Keisha and her family had plenty of yummy vegetables to eat at harvest time!

- A. How many different kinds of vegetables did Keisha plant?
  
  
  
  
  
  
  
  
  
  
- B. How many feet of fencing did Keisha need to buy?
  
  
  
  
  
  
  
  
  
  
- C. If Keisha's garden had been a square with sides 15 feet long, how much fencing would she have needed?
  
  
  
  
  
  
  
  
  
  
- D. How much change did Keisha get back at the hardware store?

# Problem Solving

D4

Friday

Use the story to answer the questions. Read carefully!

Ethan made goody bags for his birthday party guests. He put the same amount of goodies in each bag. He had 48 pieces of candy, 8 yo-yos, 16 toy cars, and a box of 24 pencils with silly erasers. Eight guests came to Ethan's party. The party was three hours long. Ethan and his guests spent the first half of the party playing games. Then they had cake and ice cream. After that, Ethan opened his presents. Then they all ran around like little monsters until it was time for the guests to go home at 4:30.

- A. How many pieces of candy did each guest get?
  
  
  
  
  
  
  
  
  
  
- B. What was the total number of things in each guest's goody bag?
  
  
  
  
  
  
  
  
  
  
- C. How many minutes did they spend playing games?
  
  
  
  
  
  
  
  
  
  
- D. At what time did the party start?