Fractions of Amounts

Model

1/10 of 30 = _____

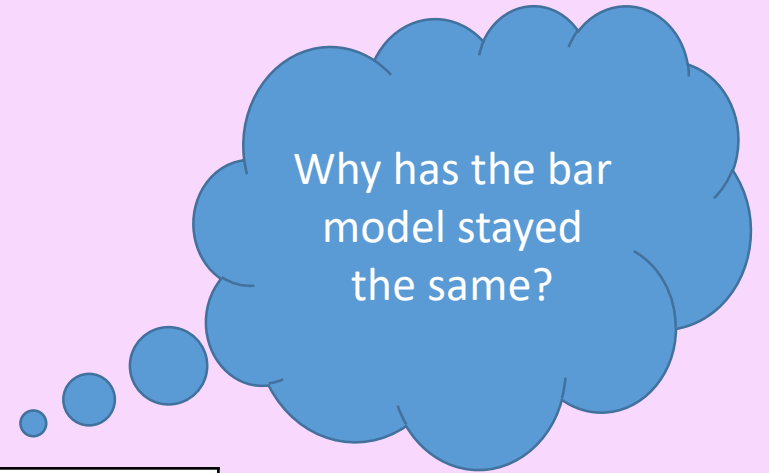| 30									
1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10

Why has the bar model stayed the same?

What is 4/10 of 30?
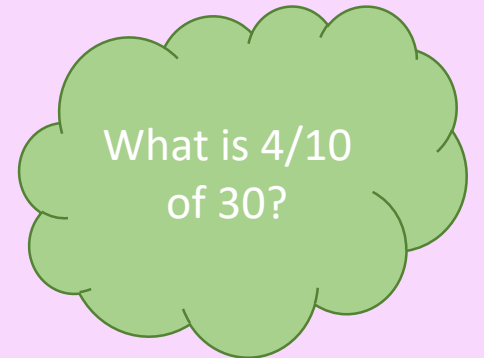
Model

1/10 of 50

50									
1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10

Why has the bar model stayed the same?
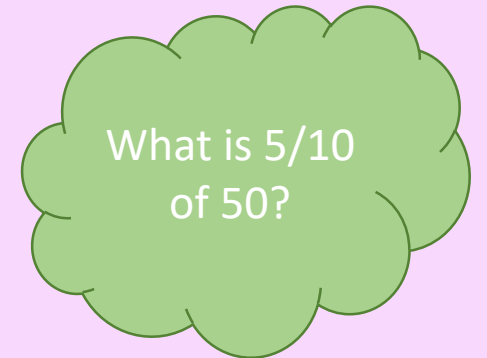
What is 5/10 of 50?

Model

1/10 of 70

70									
1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10

Why has the bar model stayed the same?

What is 3/10 of 70?

Task

1. $80 \div 10$

2. $60 \div 10$

3. $70 \div 10$

Using a bar model, find….

4. 1/10 of 80

5. 2/10 of 60

6. 7/10 of 70

Remember to use the bar model to help you.

If Alexandra doubled her counters, what fraction would that show?

Could you represent that using a decimal?

7. Stephen is using a ten frame and counters to represent tenths.
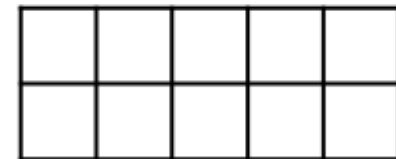
This shows $\frac{2}{10}$.
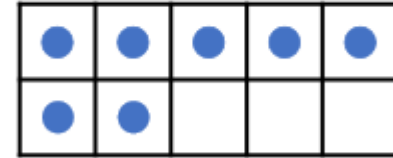
Is he correct? Explain your answer.

8. Alexandra is using a ten frame and ten counters.

I want to show four tenths. I will have six counters that I won't use.

Is she correct? Explain your answer.