

# Block 5

## Topic 3

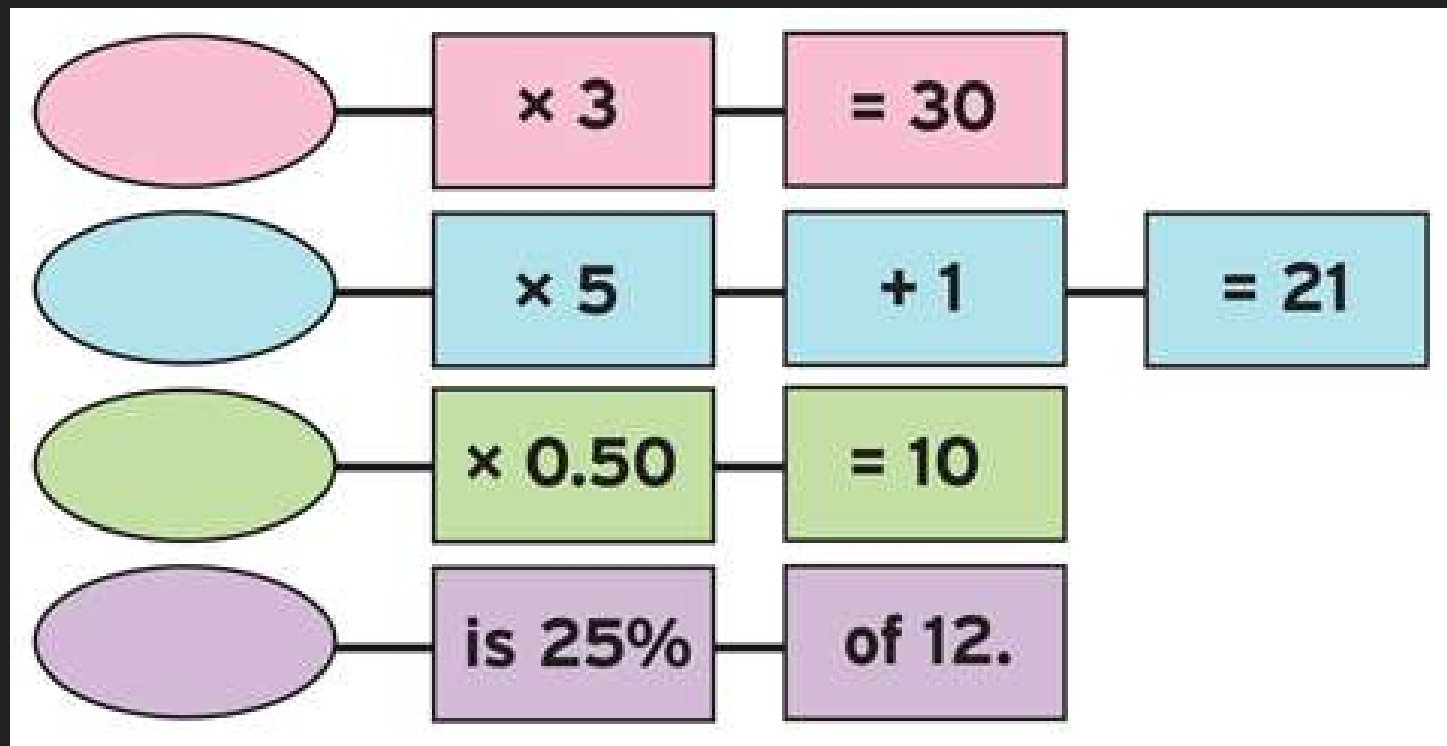
### Lesson 4

Thursday, February 8, 2018

# DO NOW

## Number Strings

- Work backwards to fill in the missing numbers.



## Example 1

- Finley, a playwright, has written 2 scenes of his play. This is 25% of his whole play. How many scenes will there be in Finley's play when it is complete?

## Example 2

- Aguste Rodin, a sculptor, made a statue called “The Thinker,” which sits on a base. The statue weighs 2100 pounds. This is 15% of the total weight. How much do the statue and base weigh altogether?

## Example 3

- Shaquan, an art gallery owner, received 78% of the monthly gallery budget from private donations. The gallery budget this month is \$5000. How much money does Shaquan receive from private donations this month?

## Example 4

- A film editor cuts unwanted scenes from a film. The running time of the edited film is 111 minutes. This is 60% of the running time of the original film. How long was the running time of the original film?

## Example 5

- Dee, a makeup artist for a movie, needs to work on a total of 50 actors. Dee has worked on 8% of the actors. How many actors has Dee worked on so far?

## Example 6

- An artist is making a print of her sketch. The area of the print is 60% of the area of her sketch. The print has an area of 90 square inches. What is the area of her sketch?
- Is the area of print or her sketch greater? How do you know this without doing any calculations?