



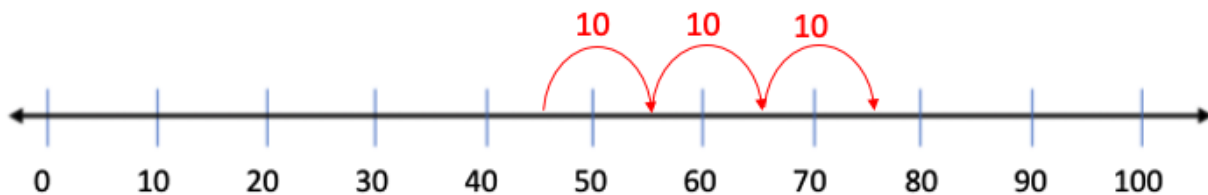
Module 1 Pre-Quiz

1. Jaylen had 54 toy blocks. Some were big and others were small. How many of the 54 blocks might be big and how many might be small? Show how you know.

Student answers will vary. Many may say that there are 50 big blocks and 4 small blocks. As long as the total amount of blocks equals 54, they are correct.

2. What is $45 + 30$? Use the number line to show your answer.

$$45 + 30 = 75$$





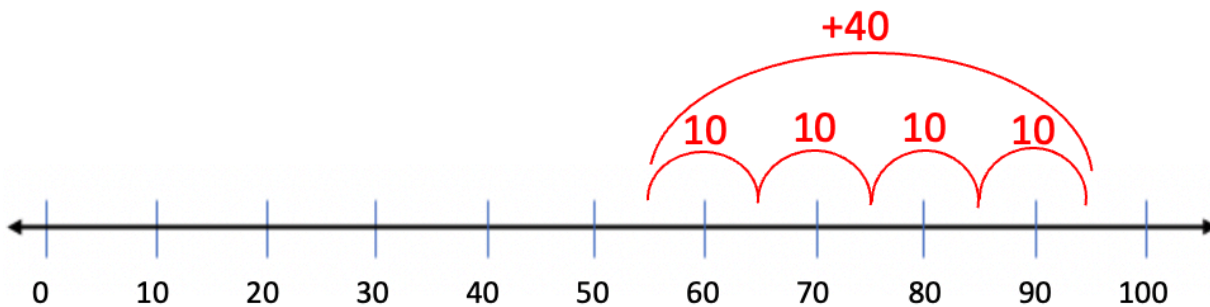
Module 1 Post-Quiz

1. Martae had 61 ribbons. Some were red and others were blue. How many ribbons could be red and how many ribbons could be blue? Show how you know.

Students' answers will vary but should equal 61 in some combination of red and blue ribbon. For example, 30 red ribbons + 31 blue ribbons = 61 ribbons.

2. What is $55 + 40$? Use the number line to show your answer.

$$55 + 40 = 95$$





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Module 2 Pre-Quiz

1. Candace had a bag of 24 balloons. She blew up 8 balloons for herself and gave a balloon to 5 of her friends. Her teacher asked her for 16 balloons, does she have enough? How do you know?

24 balloons - 8 balloons = 16 balloons

16 balloons - 5 for her friends = 11 balloons

She does NOT have enough.

2. Solve. Show your work.

$$36 = 93 - ?$$

36 = 93 - 57, so the ? = 57. Students may solve this in a variety of ways. For example, they may subtract 36 from 93 to get their answer.



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Module 2 Post-Quiz

1. Candace had 34 pieces of construction paper. She used 10 pieces for an art project. She gave her brother 12 pieces for his art project. She says she has 12 pieces left. Is she correct? How do you know?

34 pieces - 10 pieces = 24 pieces

24 pieces - 12 for her brother = 12 pieces left

She is correct.

2. Solve. Show your work.

$$43 = 81 - ?$$

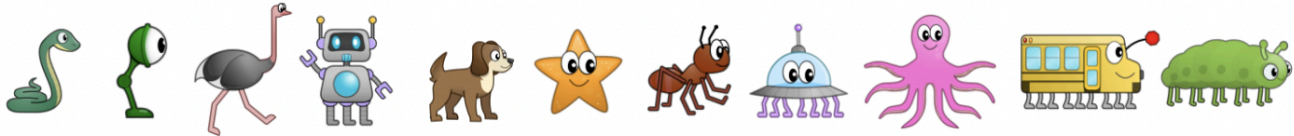
43 = 81 - 38, so the ? = 38. Students may solve this in a variety of ways. For example, they may subtract 43 from 81 to get their answer.




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Module 3 Pre-Quiz

Use these creatures to answer the questions.



1. If you have 12 shoes , could you use only ostriches to fill all the shoes? Explain.

Yes, you could use 6 ostriches because $2 + 2 + 2 + 2 + 2 + 2 = 12$

2. How many shoes  fit on one star creature? 5 

If you have more than one star creature how many shoes would fit? Show 3 examples with different amounts of star creatures and write how many shoes would fit on them. Fill in the table to show your work. *Answers may vary.*

Number of Star Creatures	Number of Shoes that Fit	Even or Odd number of shoes
2	10	Even
3	15	Odd
4	20	Even

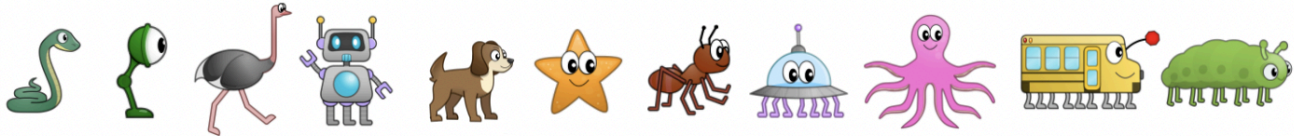



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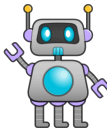
Module 3 Post-Quiz

Use these creatures to answer the questions.



1. If you have 18 shoes , could you use only robots to fill all the shoes? Explain.

Yes, you could use only 6 robots because $3 + 3 + 3 + 3 + 3 + 3 = 18$.

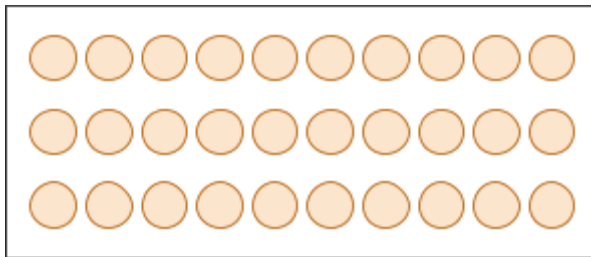
2. How many shoes  fit on one robot? 3 
If you have more than one robot how many shoes would fit? Show 3 examples with different amounts of robots and write how many shoes would fit on them. Is the answer an even or odd number? Fill in the table to show your work. *Answers will vary.*

Number of Robots	Number of Shoes that Fit	Even or Odd number of shoes
3	9	Odd
4	12	Even
5	15	Odd

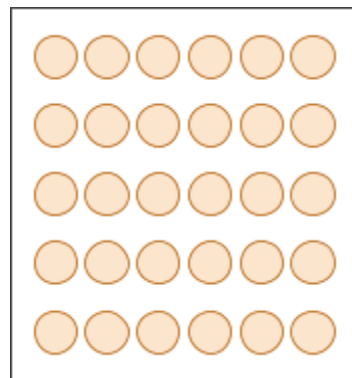


Module 4 Pre-Quiz

1. Iyanna had a tray of cookies. There were 30 cookies on the tray. Draw a picture of two different ways she could have arranged the cookies. Then write an equation to represent each tray of cookies. *Student drawings may vary.*



$$10 + 10 + 10 = 30 \text{ or}$$
$$3 \times 10 = 30$$



$$6 + 6 + 6 + 6 + 6 = 30 \text{ or}$$
$$5 + 5 + 5 + 5 + 5 = 30$$

Or $5 \times 6 = 30$

2. Caitlin had 5 baseball cards, Deepti had 15 baseball cards, and Shaina had 10 baseball cards. They shared their cards until each girl had the same number of cards. How many cards does each girl have after sharing?

They each have 10 baseball cards. Students may draw pictures or tally marks to solve this problem.

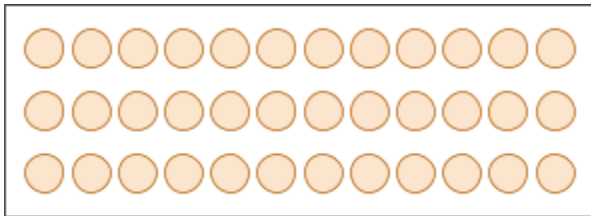
3. Is the number 10 even or odd? How do you know?

10 is an even number because it is divisible by 2.



Module 4 Post-Quiz

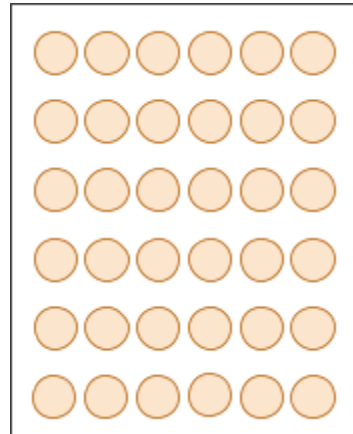
1. Mallory had a tray of cookies. There were 36 cookies on the tray. Draw a picture of two different ways she could have arranged the cookies. Then write an equation to represent each tray of cookies. *Student drawings will vary.*



$$12 + 12 + 12 = 36$$

or

$$12 \times 3 = 36$$



$$6 + 6 + 6 + 6 + 6 + 6 = 36$$

or

$$6 \times 6 = 36$$

2. Maddy had 9 stickers, Jack had 6 stickers, and Alex had 12 stickers. They shared their stickers until each of them had the same number of stickers. How many stickers does each of them have after sharing?
They each have 9 stickers. Students may draw pictures or tally marks to solve this problem.

3. Is the number 15 even or odd? How do you know?

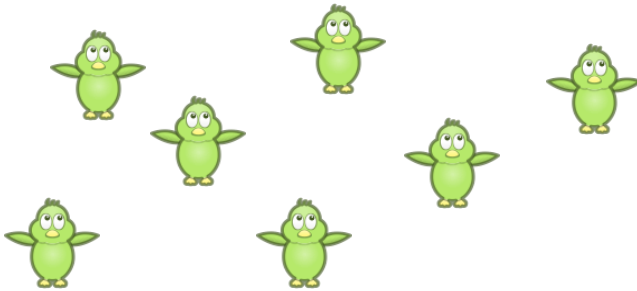
15 is an odd number because it is not divisible by 2.



Module 5 Pre-Quiz

1. Renee collects baseball cards. She puts them in a book with 10 cards on each page. So far Renee has filled 2 pages and has 4 cards on the third page. How many cards does Renee have? Use pictures, words, or numbers to show your work. $10 + 10 + 4 = 24$ cards

2. Is there an even or odd number of birds? Explain your thinking.



Answers may vary.

There is an odd number of birds because when you pair them up, there is one leftover.

3. Write a repeated addition problem for the array shown below.



$5 + 5 + 5 = 15$ or $3 + 3 + 3 + 3 + 3 = 15$



Module 5 Post-Quiz

1. Mio collects stamps. She puts them in a book with 8 stamps on each page. So far Mio has filled 2 pages and has 6 stamps on the third page. How many stamps does Mio have? Use pictures, words, or numbers to show your work.

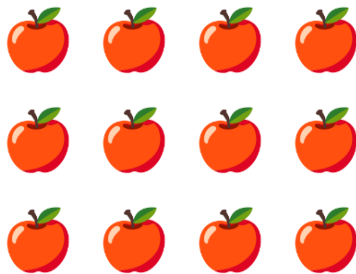
$$8 + 8 + 6 = 22 \text{ stamps}$$

2. Is there an even or odd number of birds? Explain your thinking.

There is an even number of birds because when you pair them up there is none left over.



3. Write a repeated addition problem for the array shown below.



$$4 + 4 + 4 = 12 \text{ or } 3 + 3 + 3 + 3 = 12$$