

Name Answer Key Date _____

1. Two students both solved the addition problem below using different methods.

$18 + 9$

$18 + 9 = 27$

2 7

$18 + 2 = 20$

$20 + 7 = 27$

$18 + 9 = 27$

$18 \xrightarrow{+2} 20 \xrightarrow{+7} 27$

$18 + 2 = 20$

$20 + 7 = 27$

Are they both correct? Why or why not?

Yes, because each student used a different strategy, but arrived to the same answer. Student one used number bond way and $18 + 9 = 27$ and student 2 used the arrow way and $18 + 9 = 27$.

2. Another two students solved the same problem using quick tens. $18 + 9 = 27$.

$18 + 9 = 29$

$20 + 9 = 29$

$18 + 9 = 27$

$20 + 7 = 27$

Are they both correct? Why or why not?

No student one put too many in the ones place, so they are wrong. Student two combined his ones to make a ten and got it correct. $18 + 9 = 27$

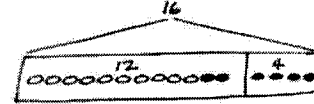
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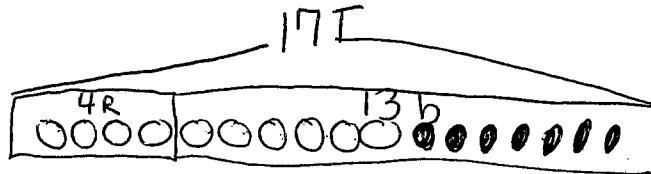
Read the word problem.

Draw a tape diagram and label.

Write a number sentence and a statement that matches the story.



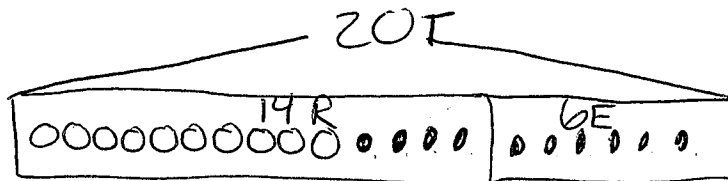
1. Darnel is playing with his 4 red robots. Ben joins him with 13 blue robots. How many robots do they have all together?



They have 17 robots.

$$4 + 13 = \boxed{17}$$

2. Rose and Emi had a jump rope contest. Rose jumped 14 times, and Emi jumped 6 times. How many times did Rose and Emi jump?



They jumped 20 times.

$$14 + 6 = \boxed{20}$$

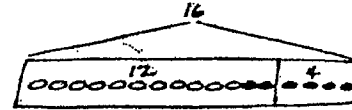
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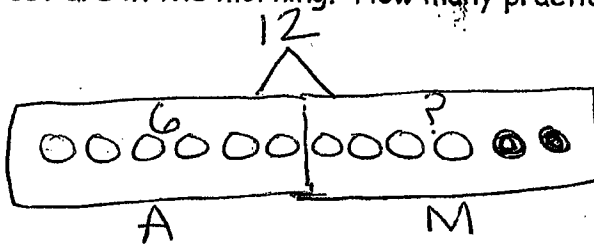
Draw a tape diagram and label.

Write a number sentence and a statement that matches the story.



Hint: Start with the total (if it's given).

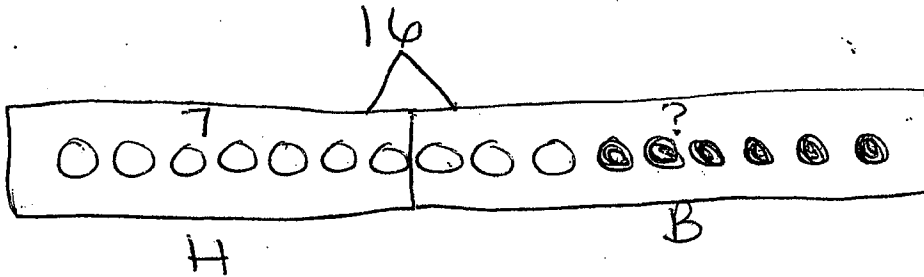
1. Rose has 12 soccer practices this month. Six practices are in the afternoon, but the rest are in the morning. How many practices will be in the morning?



$$6 + \boxed{6} = 12$$

Rose has 6 practices in the morning.

2. Ben catches 16 fish. He puts some back in the lake. He brings home 7 fish. How many fish did he put back in the lake?



$$16 - 7 = \boxed{9}$$

Ben put 9 fish back in the lake.

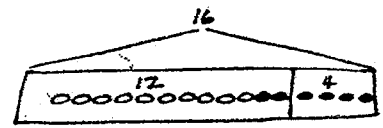
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Read the word problem.

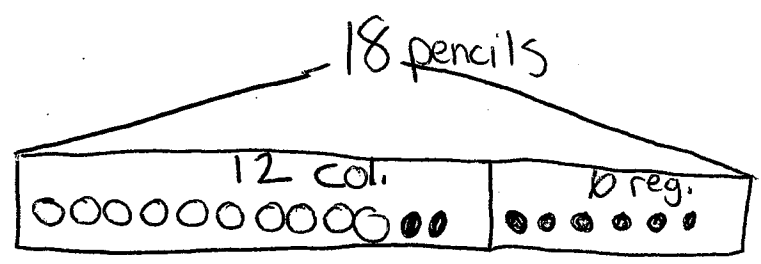
Draw a tape diagram and label.

Write a number sentence and a statement that matches the story.



- * First 10 is open circles
- * Anything after 10 is closed circles

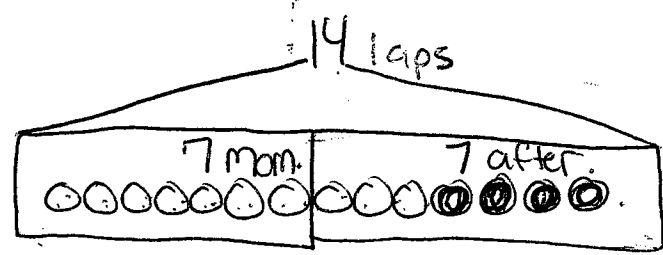
1. Fatima has 12 colored pencils in her bag. She has 6 regular pencils, too. How many pencils does Fatima have?



$12 + 6 = 18$

Fatima has 18 pencils.

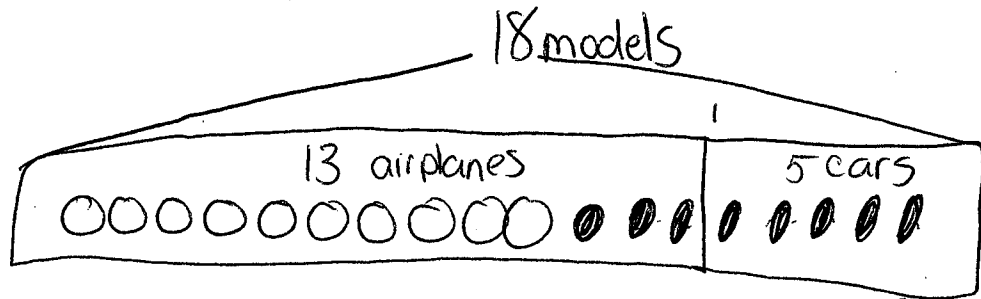
2, Julio swam 7 laps in the morning. In the afternoon he swam some more laps. He swam a total of 14 laps. How many laps did he swim in the afternoon?



$14 - 7 = 7$
 or
 $7 + \square = 14$

Julio swam 7 laps in the afternoon.

3, Peter built 18 models. He built 13 airplanes and some cars. How many car models did he build?

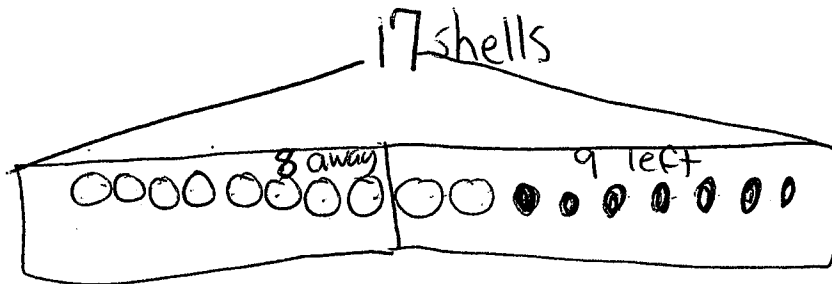


$$18 - 13 = \boxed{5}$$

$$13 + \boxed{5} = 18$$

Peter built 5 car models.

4, Kiana found some shells at the beach. She gave 8 shells to her brother. Now she has 9 shells left. How many shells did Kiana find at the beach?



$$\boxed{17} - 8 = 9$$

or

$$8 + 9 = \boxed{17}$$

Kiana found 17 shells.

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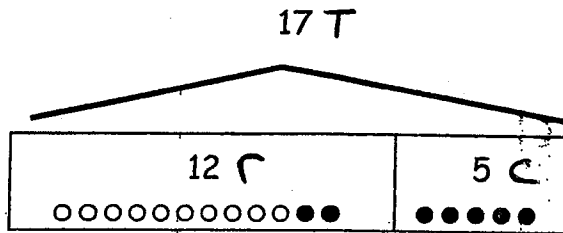
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Use the tape diagrams to write a variety of word problems. Use the word bank if needed. Remember to label your model after you write the story.

<u>Topics (Nouns)</u>		
flowers	goldfish	lizards
stickers	rockets	cars
frogs	crackers	marbles

<u>Actions (Verbs)</u>		
hide	eat	go away
give	draw	get
collect	build	play

A.

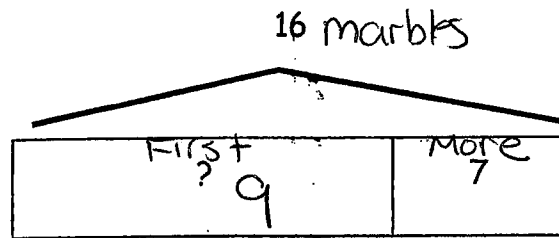


Tommy had 12 rockets in his toy box. He had some toy cars too. Altogether he had 17 toys. How many toy cars does he have?

$$12 + \boxed{5} = 17$$

Tommy has 5 toy cars.

B,



Mary has some marbles. Her friend Joe gave her 7 more. Now she has 16 marbles. How many marbles did Mary have at first?

$$16 - 7 = \boxed{9}$$

or

$$\boxed{9} + 7 = 16$$

Mary had 9 marbles at first.