5x tables

Reasoning and problem solving challenge cards:

Every number in the 5 times table is odd.

Is Rob correct?
Explain your answer.

Biscuits come in packs of 2 and 5.

Sue has 12 biscuits.

How many of each pack could she have?

Sweets come in packs of 5.

Matt has 18 sweets.

How many full packs are there and how many left over?

Pens come in packs of 5 and 10.

Beth has 25 pens.

How many of each pack could Beth have?

Ben and Jess have both drawn bar models to show 3 x 5.

Ben

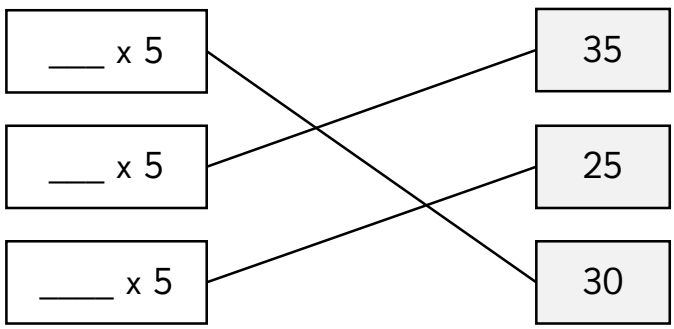
15		
5	5	5

Jess

15				
3	3	3	3	3

What is the same and what is different?

Complete:



Draw your own bar models to represent:

3 lots of 5

5 lots of 5

9 lots of 5

5x tables

Reasoning and problem solving challenge cards:

Every number in the 5 times table is odd.

Is Rob correct?
Explain your answer.

Rob is incorrect because some of the multiples in the five times table are even, e.g. 10, 20, 30.

Biscuits come in packs of 2 and 5.

Sue has 12 biscuits.

How many of each pack could she have?

2 packs of 5 biscuits and 1 pack of 2 biscuits or
6 packs of 2 biscuits.

Sweets come in packs of 5.

Matt has 18 sweets.

How many full packs are there and how many left over?

Matt could have 3 full packs of sweets and there would be 3 sweets left over.

Pens come in packs of 5 and 10.

Beth has 25 pens.

How many of each pack could Beth have?

2 packs of 10 pens and 1 pack of 5 pens or
1 pack of 10 and 3 packs of 5 pens or
5 packs of 5 pens.

Ben and Jess have both drawn bar models to show 3 x 5.

Ben

15		
5	5	5

Jess

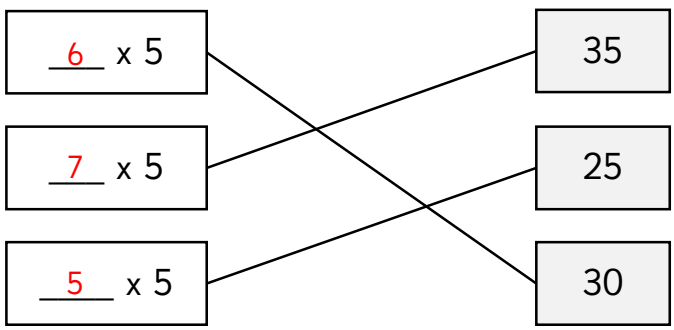
15				
3	3	3	3	3

What is the same and what is different?

Same: A total of 15.

Different:
Ben = 3 lots of 5
Jess = 5 lots of 3.

Complete:



Draw your own bar models to represent:

3 lots of 5

5 lots of 5

9 lots of 5

Any correctly drawn bar model.