LI: To divide by 10 using a place value grid and use the inverse multiplication to find related facts.

I will be successful if:

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| --- | --- |
| I can draw a place value grid and write the digits in the correct columns.  |  |
| I can move everything one place to the right and take off a zero.  |  |
| I can start with the answer and multiply by 10 using the place value grid and moving everything one place to the left.  |  |



Use the model above to help you write the 4 multiplication and division facts for the following questions. Use a place value grid to help you.

1. 50 ÷ 10 =

2. 80 ÷ 10 =

3. 120 ÷ 10 =

4. 160 ÷ 10 =

5. 270 ÷ 10 =

6. 340 ÷ 10 =

Challenge

Check the fact families. Which ones are true and which are false? Prove it by using a place value grid.

1. 20 ÷ 10 = 2 20 ÷ 2 = 10 10 X 2 = 20 2 X 10 = 20

2. 190 ÷ 10 = 91 190 ÷ 91 = 10 10 X 91 = 190 91 x 10 = 190

3. 150 ÷ 10 = 15 150 ÷ 15 = 10 10 X 15 = 150 15 X 10 = 150