LO: to use multiplication facts to help me solve division questions (sheet 1)

What is an inverse operation?

I know that 6 x 4 = 24 (and that 4 x 6 = 24.)
The inverse (opposite) of x is ÷.
So, I can work out that 24 ÷ 6 = 4 and… 24 ÷ 4 = 6.

Write the missing multiplication fact and the two inverse operations for the following. An example is given.

5 x 4 = 20	4 x 5 = 20	20 ÷ 5 = 4	20 ÷ 4 = 5
7 x 3 = 21			
2 x 7 = 14			
5 x 9 = 45			
4 x 8 = 32			
9 x 2 = 18			
3 x 6 =18			
4 x 5 = 20			
9 x 5 =			
2 x 5 =			
4 x 9 =			
6 x 5 =			

LO: to use multiplication facts to help me solve division questions (sheet 2)

Remember inverse operations?
If I know that 6 x 4 = 24.   Then I also know that 24 ÷ 6 = 4 and 24 ÷ 4 = 6

Write two <u>division</u> facts for the following multiplications.

1. 5 x 4 = 20   >>>>> _____ _____

2. 7 x 3 = 21   >>>>> _____ _____

3. 2 x 7 = 14   >>>>> _____ _____

4. 5 x 9 = 45   >>>>> _____ _____

5. 4 x 8 = 32   >>>>> _____ _____

6. 9 x 2 = 18   >>>>> _____ _____

7. 3 x 6 =____   >>>>> _____ _____

8. 4 x 5 = ____   >>>>> _____ _____

9. 9 x 5 = ____   >>>>> _____ _____

10.   2 x 5 = ____ >>>>> _____ _____

11.   4 x 2 = ____ >>>>> _____ _____

12.   6 x 5 = ____ >>>>> _____ _____

13.   2 x 8 = ____ >>>>> _____ _____

14.   4 x 9 = ____ >>>>> _____ _____

15.   10 x 6 = ____ >>>>> _____ _____

LO: to use multiplication facts to help me solve division questions (sheet 3)

Remember inverse operations?
If I know that 6 x 4 = 24.   Then I also know that 24 ÷ 6 = 4 and 24 ÷ 4 = 6

Write two <u>division</u> facts for the following multiplications.

1. 3 x 4 = ____   >>>>> _____   _____

2. 2 x 6 = ____   >>>>> _____   _____

3. 6 x 7 = ____   >>>>> _____   _____

4. 7 x 4 = ____   >>>>> _____   _____

5. 8 x 4 = ____   >>>>> _____   _____

6. 3 x 9 = ____   >>>>> _____   _____

7. 9 x 2 = ____   >>>>> _____   _____

8. 10 x 5 = ____   >>>>> _____   _____

9. 3 x 10 = ____   >>>>> _____   _____

10.   2 x 9 = ____   >>>>> _____   _____

11.   6 x 3 =____   >>>>> _____   _____

12.   2 x 3 =____   >>>>> _____   _____

13.   5 x 7 =____   >>>>> _____   _____

14.   8 x 5 =____   >>>>> _____   _____

15.   4 x 2 = ____   >>>>> _____   _____

LO: to use multiplication facts to help me solve division questions (sheet 4)

Remember inverse operations?
If I know that 6 x 4 = 24.   Then I also know that 24 ÷ 6 = 4 and 24 ÷ 4 = 6

Write two <u>division</u> facts for the following multiplications.

1. 8 x 4 = ____   >>>>> _____   _____

2. 9 x 6 = ____   >>>>> _____   _____

3. 6 x 7 = ____   >>>>> _____   _____

4. 7 x 4 = ____   >>>>> _____   _____

5. 8 x 4 = ____   >>>>> _____   _____

6. 3 x 9 = ____   >>>>> _____   _____

7. 9 x 2 = ____   >>>>> _____   _____

8. 10 x 5 = ____   >>>>> _____   _____

9. 8 x 10 = ____   >>>>> _____   _____

10.   7 x 9 = ____   >>>>> _____   _____

11.   6 x 8 = ____   >>>>> _____   _____

12.   2 x 3 = ____   >>>>> _____   _____

13.   5 x 7 = ____   >>>>> _____   _____

14.   8 x 5 = ____   >>>>> _____   _____

15.   4 x 9 = ____   >>>>> _____   _____