Multiplication Magic

I can use my multiplication tables facts to solve calculations with larger numbers and calculations with decimals.

1) Draw lines to match the calculations with their answers.

7 × 400	20 000
80 × 40	180 000
300 × 60	3200
50 × 60	2800
8000 × 40	3000
800 × 40	28 000
50 × 400	320 000
200 × 9000	32 000
30 × 6000	18 000
70 × 400	1 800 000

2) Solve the calculations on the potion bottles. Look for the facts that you know!

0.7 × 4

0.9 × 9

0.2 × 9

6 × 0.6

3 × 0.9

8 × 0.9

0.3 × 6

5 × 0.7

8 × 0.2

6 × 0.8

Multiplication Magic **Answers**

Question	Answer
1.	Draw lines to match the calculations with their answers.

7 × 400		20 000
80 × 40		180 000
300 × 60		3200
50 × 60		2800
8000 × 40		3000
800 × 40		28 000
50 × 400		320 000
200 × 9000		32 000
30 × 6000		18 000
70 × 400		1 800 000

2. Solve the calculations on the potion bottles. Look for the facts that you know!

0.7 × 4 = **2.8**	6 × 0.6 = **3.6**
8 × 0.9 = **7.2**	8 × 0.2 = **1.6**
0.9 × 9 = **8.1**	3 × 0.9 = **2.7**
0.3 × 6 = **1.8**	6 × 0.8 = **4.8**
0.2 × 9 = **1.8**	
5 × 0.7 = **3.5**	

Multiplication Magic

I can use my multiplication tables facts to solve calculations with larger numbers and calculations with decimals.

1) Draw lines to match the wizards to their potions.

70 × 40   0.7 × 4   4000 × 7   700 × 40   7 × 400   4 × 7000   7 × 0.4   70 × 400

2.8   2800   28 000

2) Can you think of 2 multiplication questions for each of these answers?
The first one is done as an example.

28 000	40 × 700	70 × 400
2.4		
40 000		
2400		
7.2		
630 000		
480 000		
3.6		

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Multiplication Magic **Answers**

Question	Answer		
1.	Draw lines to match the wizards to their potions.		
	70 × 40		2800
	0.7 × 4		2.8
	4000 × 7		28 000
	700 × 40		28 000
	7 × 400		2800
	4 × 7000		28 000
	7 × 0.4		2.8
	70 × 400		28 000
2.	Can you think of 2 multiplication questions for each of these answers? The first one is done as an example. **Multiple answers possible. Examples given:**		
	28 000	40 × 700	70 × 400
	2.4	4 × 0.6	6 × 0.4
	40 000	50 × 800	10 × 4000
	2400	4 × 600	12 × 200
	7.2	8 × 0.9	9 × 0.8
	630 000	700 × 900	70 × 9000
	480 000	60 × 8000	800 × 600
	3.6	9 × 0.4	4 × 0.9

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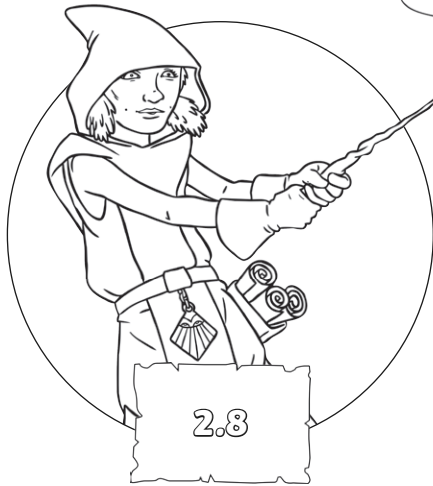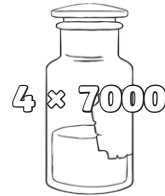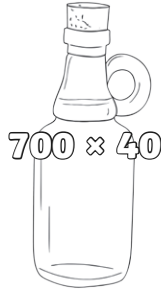Focused education on life's walk!
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Multiplication Magic

I can use my multiplication tables facts to solve calculations with larger numbers and calculations with decimals.

1) Draw lines to match the witches and wizards to their potions.
   Can you circle the potion that doesn't belong to any of these witches or wizards?

8 × 7000
7 × 0.8
70 × 800 000
8000 × 7000
800 × 7
8 × 0.7
7000 × 80
7 × 8
7 × 8000
70 × 80
800 × 70
800 × 70 000

5.6   5600   56 000   560 000   56 000 000

2) Can you think of 2 multiplication questions for each of these answers?
   The first one is done as an example.

28 000 000	4 × 7 000 000	7 × 4 000 000
2.4		
3000		
4500		
4.5		
630 000 000		
48 000		
1.6		

Multiplication Magic **Answers**

Question	Answer	
1.	Draw lines to match the witches and wizards to their potions. Can you circle the potion that doesn't belong to any of these witches or wizards?	

	7 × 0.8	5.6
	8 × 7000	56 000
	70 × 80	5600
	7000 × 80	560 000
	800 × 70	56 000
	8000 × 7000	56 000 000
	70 × 800 000	56 000 000
	7 × 8000	56 000
	8 × 0.7	5.6
	800 × 70 000	56 000 000
	800 × 7	5600

Circle 7 × 8.

Question	Answer	
2.	Can you think of 2 multiplication questions for each of these answers? The first one is done as an example. **Multiple answers possible. Examples given:**	

28 000 000	*4 × 7 000 000*	*7 × 4 000 000*
2.4	*4 × 0.6*	*3 × 0.8*
3000	*5 × 600*	*60 × 50*
4500	*5 × 900*	*90 × 50*
4.5	*5 × 0.9*	*9 × 0.5*
630 000 000	*700 × 900 000*	*90 000 × 7000*
48 000	*60 × 800*	*8 × 6000*
1.6	*2 × 0.8*	*8 × 0.2*

Find a Friend Cards

Teacher Note: Cut out each set of four cards and give one card to each child in the class. Spread the families of cards out around the room. In classes where the number of children is not divisible by four, some children could share cards or duplicate cards could be printed and used.

3 × 0.7	300 × 70	7000 × 300	70 × 30
4 × 0.3	400 × 30	4000 × 300	40 × 30
7 × 0.9	900 × 70	7000 × 900	70 × 90
2 × 0.3	200 × 30	2000 × 300	200 × 300
5 × 0.8	500 × 80	5000 × 800	500 × 800
6 × 0.4	400 × 60	4000 × 600	40 × 60
9 × 0.3	900 × 30	9000 × 300	900 × 300
7 × 0.7	700 × 70	7000 × 700	70 × 70