



NUMBER

WORK

**Multiplying by
Multiples of 10**

NAME:

Name: _____

Multiplying a whole number by 30 rule: $\times 3$ and then $\times 10$

For Example: $4 \times 30 \longrightarrow 4 \times 3 = 12$ then $12 \times 10 = 120$

Multiplying a decimal number by 30 rule: $\times 10$ and then $\times 3$

For Example: $0.4 \times 30 \longrightarrow 0.4 \times 10 = 4$ then $4 \times 3 = 12$

Fill in the missing numbers. **Some have been done for you.**

\times	10	20	30	40	50	60	70	80	90	100
4			120							400
7										
9				360						
2										
5										
3							210			
8										
6										
10										
11										
12										
20										
50										
0.1										
0.2								16		
0.3										
0.4			12							
0.5										50

ANSWERS in Red.

×	10	20	30	40	50	60	70	80	90	100
4	40	80	120	160	200	300	280	320	360	400
7	70	140	210	280	350	420	490	560	630	700
9	90	180	270	360	450	540	630	720	810	900
2	20	40	60	80	100	120	140	160	180	200
5	50	100	150	200	250	300	350	400	450	500
3	30	60	90	120	150	180	210	240	270	300
8	80	160	240	320	400	480	560	640	720	800
6	60	120	180	240	300	360	420	480	540	600
10	100	200	300	400	500	600	700	800	900	1000
11	110	220	330	440	550	660	770	880	990	1100
12	120	240	360	480	600	720	840	960	1080	1200
20	200	400	600	800	1000	1200	1400	1600	1800	2000
50	500	1000	1500	2000	2500	3000	3500	4000	4500	5000
0.1	1	2	3	4	5	6	7	8	9	10
0.2	2	4	6	8	10	12	14	16	18	20
0.3	3	6	9	12	15	18	21	24	27	30
0.4	4	8	12	16	20	24	28	32	36	40
0.5	5	10	15	20	25	30	35	40	45	50

Note: Pattern recognition is encouraged.