

Place Value and Drills Answer Key

Number Correct: _____

A

Multiply and Divide by 10

1.	$2 \times 10 =$	20
2.	$3 \times 10 =$	30
3.	$4 \times 10 =$	40
4.	$5 \times 10 =$	50
5.	$1 \times 10 =$	10
6.	$20 \div 10 =$	2
7.	$30 \div 10 =$	3
8.	$50 \div 10 =$	5
9.	$10 \div 10 =$	1
10.	$40 \div 10 =$	4
11.	$6 \times 10 =$	60
12.	$7 \times 10 =$	70
13.	$8 \times 10 =$	80
14.	$9 \times 10 =$	90
15.	$10 \times 10 =$	100
16.	$80 \div 10 =$	8
17.	$70 \div 10 =$	7
18.	$90 \div 10 =$	9
19.	$60 \div 10 =$	6
20.	$100 \div 10 =$	10
21.	$_ \times 10 = 50$	5
22.	$_ \times 10 = 10$	1

23.	$_ \times 10 = 100$	10
24.	$_ \times 10 = 20$	2
25.	$_ \times 10 = 30$	3
26.	$100 \div 10 =$	10
27.	$50 \div 10 =$	5
28.	$10 \div 10 =$	1
29.	$20 \div 10 =$	2
30.	$30 \div 10 =$	3
31.	$_ \times 10 = 60$	6
32.	$_ \times 10 = 70$	7
33.	$_ \times 10 = 90$	9
34.	$_ \times 10 = 80$	8
35.	$70 \div 10 =$	7
36.	$90 \div 10 =$	9
37.	$60 \div 10 =$	6
38.	$80 \div 10 =$	8
39.	$11 \times 10 =$	110
40.	$110 \div 10 =$	11
41.	$30 \div 10 =$	3
42.	$120 \div 10 =$	12
43.	$14 \times 10 =$	140
44.	$140 \div 10 =$	14

B

Number Correct: _____

Improvement: _____

Multiply and Divide by 10

1.	$1 \times 10 =$	10
2.	$2 \times 10 =$	20
3.	$3 \times 10 =$	30
4.	$4 \times 10 =$	40
5.	$5 \times 10 =$	50
6.	$30 \div 10 =$	3
7.	$20 \div 10 =$	2
8.	$40 \div 10 =$	4
9.	$10 \div 10 =$	1
10.	$50 \div 10 =$	5
11.	$10 \times 10 =$	100
12.	$6 \times 10 =$	60
13.	$7 \times 10 =$	70
14.	$8 \times 10 =$	80
15.	$9 \times 10 =$	90
16.	$70 \div 10 =$	7
17.	$60 \div 10 =$	6
18.	$80 \div 10 =$	8
19.	$100 \div 10 =$	10
20.	$90 \div 10 =$	9
21.	$_ \times 10 = 10$	1
22.	$_ \times 10 = 50$	5

23.	$_ \times 10 = 20$	2
24.	$_ \times 10 = 100$	10
25.	$_ \times 10 = 30$	3
26.	$20 \div 10 =$	2
27.	$10 \div 10 =$	1
28.	$100 \div 10 =$	10
29.	$50 \div 10 =$	5
30.	$30 \div 10 =$	3
31.	$_ \times 10 = 30$	3
32.	$_ \times 10 = 40$	4
33.	$_ \times 10 = 90$	9
34.	$_ \times 10 = 70$	7
35.	$80 \div 10 =$	8
36.	$90 \div 10 =$	9
37.	$60 \div 10 =$	6
38.	$70 \div 10 =$	7
39.	$11 \times 10 =$	110
40.	$110 \div 10 =$	11
41.	$12 \times 10 =$	120
42.	$120 \div 10 =$	12
43.	$13 \times 10 =$	130
44.	$130 \div 10 =$	13

2. Complete the following statements using your knowledge of place value:

- a. 10 times as many as 1 ten is 10 tens.
- b. 10 times as many as 3 tens is 30 tens or 30 hundreds.
- c. 10 times as many as 9 hundreds is 9 thousands.
- d. 2 thousands is the same as 20 hundreds.

Use pictures, numbers, or words to explain how you got your answer for Part (d).

2 thousands is equal to 2,000 in numerical form.
 20 hundreds is the same as 20×100 which is equal to 2,000 in numerical form. So,
 $2 \text{ thousands} = 20 \text{ hundreds}$

3. Matthew has 30 stamps in his collection. Matthew's father has 10 times as many stamps as Matthew. How many stamps does Matthew's father have? Use numbers or words to explain how you got your answer.

$$\begin{aligned} \text{Matthew} &= 30 \text{ stamps} \\ \text{Matthew's dad} &= 30 \text{ stamps} \times 10 \end{aligned}$$

The question is asking me to find the total number of stamps that Matthew's dad has if his dad has 10x's more than Matthew. I know Matthew has 30 stamps, so his dad has 10×30 which equals 300 stamps. So, by multiplying 10x's the number of stamps Matthew has, I know Matthew's dad has a total of 300 stamps. $10 \times 30 = 300 \text{ stamps}$.

4. Jane saved \$800. Her sister has 10 times as much money. How much money does Jane's sister have? Use numbers or words to explain how you got your answer.

Jane saved \$800
 Her sister saved 10x's Jane's amount
 The problem is asking me to find the total amount Jane's sister saved if her amount is 10x's greater than Jane's.
 So, $10 \times 800 = \$8,000$ which means Jane's sister saved \$8,000.

5. Fill in the blanks to make the statements true.

- a. 2 times as much as 4 is 8.
 b. 10 times as much as 4 is 40.
 c. 500 is 10 times as much as 50.
 d. 6,000 is 10 times as much as 600.

6. Sarah is 9 years old. Sarah's grandfather is 90 years old. Sarah's grandfather is how many times as old as Sarah?

Sarah is 9 years old
 Grandfather is 90 years old
 The problem is asking me to figure out how many times Sarah's age is her grandfather. We know Sarah is $9 \times \underline{\quad} = 90$ - her grandfather's age. So, the grandfather is 10 times older than Sarah or Sarah is 10 times younger than her grandfather.
 Sarah's grandfather is 10 times as old as Sarah.