

Name: Class:

Addition patterns over increasing place values

Complete the following addition patterns over increasing place values

1. $\underline{\quad} + 6 = 12$
 $\underline{\quad} + 60 = 120$
 $\underline{\quad} + 600 = 1,200$
 $\underline{\quad} + 6,000 = 12,000$

Let's first of all form an equation for the first expression
 $? + 6 = 12$
 $? = 12 - 6$
 $? = 6$
So, $? = 6$

Now, complete the pattern the same way as shown above

6 + 6 = 12
60 + 60 = 120
600 + 600 = 1,200
6,000 + 6,000 = 12,000

2. $9 + 8 = \underline{\quad}$
 $90 + 80 = \underline{\quad}$
 $900 + 800 = \underline{\quad}$
 $9,000 + 8,000 = \underline{\quad}$
 $90,000 + 80,000 = \underline{\quad}$

3. $\underline{\quad} + 8 = 15$
 $70 + 80 = \underline{\quad}$
 $\underline{\quad} + 800 = 1,500$
 $7,000 + \underline{\quad} = 15,000$
 $\underline{\quad} + 80,000 = 150,000$

4. $9 + \underline{\quad} = 21$
 $90 + \underline{\quad} = 210$
 $900 + \underline{\quad} = 21,00$
 $9,000 + \underline{\quad} = 21,000$
 $90,000 + \underline{\quad} = 210,000$

5. $7 + 2 = \underline{\quad}$
 $70 + 20 = \underline{\quad}$
 $700 + 200 = \underline{\quad}$
 $7,000 + 2,000 = \underline{\quad}$
 $70,000 + 20,000 = \underline{\quad}$

6. $\underline{\quad} + 2 = 10$
 $80 + 20 = \underline{\quad}$
 $\underline{\quad} + 200 = 1,000$
 $8,000 + 2000 = \underline{\quad}$
 $\underline{\quad} + 20,000 = 100,000$

7. $1 + 2 = \underline{\quad}$
 $10 + \underline{\quad} = 30$
 $100 + 200 = \underline{\quad}$
 $\underline{\quad} + 2,000 = 3,000$
 $10,000 + \underline{\quad} = 30,000$



Name: Class:

Addition patterns over increasing place values

Complete the following addition patterns over increasing place values

1. $\underline{\quad} + 6 = 12$
 $\underline{\quad} + 60 = 120$
 $\underline{\quad} + 600 = 1,200$
 $\underline{\quad} + 6,000 = 12,000$

Let's first of all form an equation for the first expression
 $? + 6 = 12$
 $? = 12 - 6$
 $? = 6$
So, $? = 6$

Now, complete the pattern the same way as shown above

6 + 6 = 12
60 + 60 = 120
600 + 600 = 1,200
6,000 + 6,000 = 12,000

2. $9 + 8 = \textcolor{red}{17}$
 $90 + 80 = \textcolor{red}{170}$
 $900 + 800 = \textcolor{red}{1,700}$
 $9,000 + 8,000 = \textcolor{red}{17,000}$
 $90,000 + 80,000 = \textcolor{red}{170,000}$

3. $7 + 8 = \textcolor{red}{15}$
 $70 + 80 = \textcolor{red}{150}$
 $700 + 800 = 1,500$
 $7,000 + \textcolor{red}{8,000} = 15,000$
 $\textcolor{red}{70,000} + 80,000 = 150,000$

4. $9 + \textcolor{red}{12} = 21$
 $90 + \textcolor{red}{120} = 210$
 $900 + \textcolor{red}{1,200} = 21,00$
 $9,000 + \textcolor{red}{12,000} = 21,000$
 $90,000 + \textcolor{red}{120,000} = 210,000$

5. $7 + 2 = \textcolor{red}{9}$
 $70 + 20 = \textcolor{red}{90}$
 $700 + 200 = \textcolor{red}{900}$
 $7,000 + 2,000 = \textcolor{red}{9,000}$
 $70,000 + 20,000 = \textcolor{red}{90,000}$

6. $8 + 2 = 10$
 $80 + 20 = \textcolor{red}{100}$
 $800 + 200 = 1,000$
 $8,000 + 2000 = \textcolor{red}{10,000}$
 $\textcolor{red}{80,000} + 20,000 = 100,000$

7. $1 + 2 = \textcolor{red}{3}$
 $10 + \textcolor{red}{20} = 30$
 $100 + 200 = \textcolor{red}{300}$
 $1,000 + 2,000 = 3,000$
 $10,000 + \textcolor{red}{20,000} = 30,000$

