Name:

Problem solving Worksheet

Arithmetic

Use your notebook to work out the questions and put the answer in the textbox provided.

1. $1657 + 918$ Answer: _____
2. $752 - 467$ Answer: _____
3. 315×9 Answer: _____
4. $392 \div 7$ Answer: _____
5. $348 + 567$ Answer: _____
6. $3489 - 1625$ Answer: _____
7. 674×5 Answer: _____
8. $1244 \div 4$ Answer: _____
9. $3527 + 603 + 248$ Answer: _____
10. $7609 - 4295$ Answer: _____
11. 5841×8 Answer: _____
12. $931 \div 7$ Answer: _____

Factors and H.C.F.

1. State the factors of 16. ____, ____, ____, ____, ____
2. State the factors of 70. ____, ____, ____, ____, ____, ____, ____, ____
3. State the factors of 80. ____, ____, ____, ____, ____, ____, ____, ____, _____, _____
4. Determine the Highest Common Factor (HCF) of the following numbers.

$$32 = 2 \times 2 \times 2 \times 2 \times 2$$
$$48 = 2 \times 2 \times 2 \times 2 \times 3$$

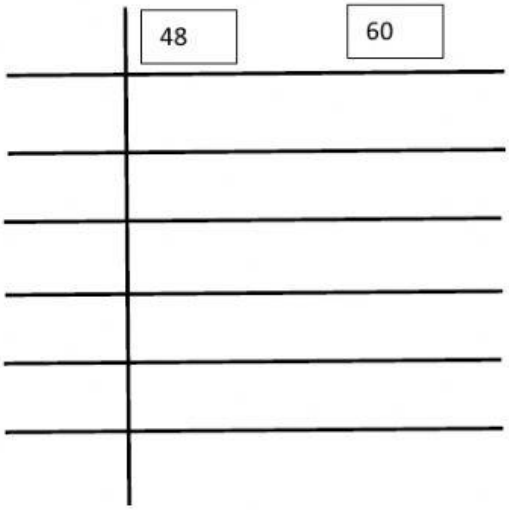
H.C.F. of 32 and 48 = _____ × _____ × _____ × _____ = _____

LIVEWORKSHEETS

Name:

Multiplies and L.C.M.

1. State the multiples of 12. ___, ____, ____, ____, ____, ____, ____, ____, ____, ____, ____, ____
2. State the multiplies of 7. ___, ____, ____, ____, ____, ____, ____, ____, ____, ____, ____, ____
3. State the multiples of 9. ___, ____, ____, ____, ____, ____, ____, ____, ____, ____, ____, ____
4. Use Prime Factorization to find the L.C.M. of 48 and 60.



L.C.M. of 48 and 60 = _____ × _____ × _____ × _____ × _____ × _____ = _____

Squares and Square Roots - Use your notebook to work out the following questions.

1. State a square number between 5 and 10. Answer: _____
2. State a square number more than 40 but no less than 60. Answer: _____
3. What is the value of $\sqrt[2]{4}$. Answer: _____
4. These two signs indicate square root symbols: $\sqrt{\ }$ $\sqrt[2]{\ }$. True or False
5. What is the value of $\sqrt{81} + 9^2$ Answer: _____
6. State a square number between 110 and 130. Answer: _____

LIVEWORKSHEETS

Name:

7. What is the value of $\sqrt[3]{144} - \sqrt{121}$. Answer: _____

8. What is the value of $10^2 - 7^2$. Answer: _____

9. What is the value of $\sqrt{100}$ using prime factorization? Answer: _____

10. What is the value of $13^2 - \sqrt[2]{121}$. Answer: _____

LIVEWORKSHEETS