

Order of operations

Solve the following using PEMDAS

The order of operations:

- 1. Parentheses ()*
- 2. Exponents 5^2*
- 3. Multiplication \times or Division \div*
- 4. Addition $+$ or Subtraction $-$*

1. $3 \times 9 + 7$

6. $(67 - 18) \div 7 \times 3$

2. $12 + 36 \div 4$

7. $5^2 - 8$

3. $9 \div 3 + 4 \times 6$

8. $2^3 \times 3^2$

4. $2 \times 11 - 12 \div 2$

9. $4^2 \times (8 - 3)$

5. $8 \times 18 \div 4 + 15$

10. $(7 \times 8 - 4) \div (6 - 2)$

I did these problems myself without a calculator, internet, or outside help.

Signed: _____



Factoring numbers (<500) to prime factors

Grade 6 Factoring Worksheet

Factor the following numbers to their prime factors. Is the number prime?

1. $162 =$ _____ 2. $247 =$ _____

3. $401 =$ _____ 4. $205 =$ _____

5. $373 =$ _____ 6. $194 =$ _____

7. $40 =$ _____ 8. $354 =$ _____

9. $281 =$ _____ 10. $69 =$ _____

11. $133 =$ _____ 12. $92 =$ _____

13. $450 =$ _____ 14. $436 =$ _____

15. $367 =$ _____ 16. $192 =$ _____

17. $190 =$ _____ 18. $94 =$ _____

19. $118 =$ _____ 20. $112 =$ _____