Order of Operations: No Parentheses

Name: _____ Date: _____

Multiply and divide first (left to right), then add and subtract.

1. 48 ÷ 8 + 7 = _____
2. 4 + 6 - 2 + 7 = _____
3. 80 - 9 × 6 = _____
4. 3 × 6 ÷ 3 = _____
5. 9 + 8 × 7 = _____
6. 7 × 2 ÷ 7 = _____
7. 70 - 6 × 5 = _____
8. 6 + 5 - 2 + 4 = _____
9. 36 ÷ 6 + 8 = _____
10. 54 - 12 ÷ 6 = _____
11. 12 - 30 ÷ 6 = _____
12. 36 - 81 ÷ 9 = _____
13. 6 + 3 - 8 + 6 = _____
14. 3 × 6 - 5 = _____
15. 7 + 9 - 4 + 6 = _____
16. 9 ÷ 3 + 4 = _____
17. 3 × 8 ÷ 3 = _____
18. 3 × 3 ÷ 3 = _____
19. 8 × 5 + 2 × 5 = _____
20. 90 - 8 × 5 = _____

Order of Operations: No Parentheses

Answer Key

Multiply and divide first (left to right), then add and subtract.

1. 48 ÷ 8 + 7 = **13**
2. 4 + 6 - 2 + 7 = **15**
3. 80 - 9 × 6 = **26**
4. 3 × 6 ÷ 3 = **6**
5. 9 + 8 × 7 = **65**
6. 7 × 2 ÷ 7 = **2**
7. 70 - 6 × 5 = **40**
8. 6 + 5 - 2 + 4 = **13**
9. 36 ÷ 6 + 8 = **14**
10. 54 - 12 ÷ 6 = **52**
11. 12 - 30 ÷ 6 = **7**
12. 36 - 81 ÷ 9 = **27**
13. 6 + 3 - 8 + 6 = **7**
14. 3 × 6 - 5 = **13**
15. 7 + 9 - 4 + 6 = **18**
16. 9 ÷ 3 + 4 = **7**
17. 3 × 8 ÷ 3 = **8**
18. 3 × 3 ÷ 3 = **3**
19. 8 × 5 + 2 × 5 = **50**
20. 90 - 8 × 5 = **50**

Order of Operations: No Parentheses (Set 2)

Name: _____ Date: _____

Multiply and divide first (left to right), then add and subtract.

1. 48 ÷ 8 + 3 = _____
2. 7 × 5 ÷ 7 = _____
3. 4 × 2 - 6 = _____
4. 5 × 2 ÷ 5 = _____
5. 6 × 9 ÷ 6 = _____
6. 12 ÷ 6 + 9 = _____
7. 8 + 2 × 5 = _____
8. 5 + 4 × 6 = _____
9. 5 + 8 - 7 + 3 = _____
10. 6 + 4 - 9 + 8 = _____
11. 8 + 4 × 2 = _____
12. 25 - 30 ÷ 5 = _____
13. 8 × 6 - 8 = _____
14. 2 × 7 ÷ 2 = _____
15. 7 × 3 ÷ 7 = _____
16. 5 × 2 - 6 = _____
17. 63 ÷ 9 + 9 = _____
18. 8 × 5 + 5 × 3 = _____
19. 9 × 6 ÷ 9 = _____
20. 80 - 9 × 5 = _____

Order of Operations: No Parentheses (Set 2)

Answer Key

Multiply and divide first (left to right), then add and subtract.

1. 48 ÷ 8 + 3 = **9**
2. 7 × 5 ÷ 7 = **5**
3. 4 × 2 - 6 = **2**
4. 5 × 2 ÷ 5 = **2**
5. 6 × 9 ÷ 6 = **9**
6. 12 ÷ 6 + 9 = **11**
7. 8 + 2 × 5 = **18**
8. 5 + 4 × 6 = **29**
9. 5 + 8 - 7 + 3 = **9**
10. 6 + 4 - 9 + 8 = **9**
11. 8 + 4 × 2 = **16**
12. 25 - 30 ÷ 5 = **19**
13. 8 × 6 - 8 = **40**
14. 2 × 7 ÷ 2 = **7**
15. 7 × 3 ÷ 7 = **3**
16. 5 × 2 - 6 = **4**
17. 63 ÷ 9 + 9 = **16**
18. 8 × 5 + 5 × 3 = **55**
19. 9 × 6 ÷ 9 = **6**
20. 80 - 9 × 5 = **35**

Order of Operations With Parentheses

Name: _____ Date: _____

Parentheses first, then multiply or divide, then add or subtract.

1. (8 ÷ 4 + 2) × 6 = _____
2. (3 + 11) ÷ 2 + 5 = _____
3. (48 ÷ 6) + 2 × 9 = _____
4. (2 × 6 + 9 × 6) ÷ 6 = _____
5. 45 - (4 + 6) = _____
6. 3 × (4 + 3) - 9 = _____
7. 7 × (3 + 4) = _____
8. 2 × (7 + 9) = _____
9. (7 + 7) × 9 = _____
10. 6 × (8 + 3) = _____
11. 40 - (4 + 5) = _____
12. 2 × (9 + 5) = _____
13. (10 ÷ 5) + 6 × 4 = _____
14. (16 ÷ 8) + 8 × 2 = _____
15. 5 × (7 + 6) = _____
16. 30 - (5 + 5) = _____
17. 3 × (7 + 7) = _____
18. (8 + 10) ÷ 2 + 7 = _____
19. 8 × 4 - (5 + 9) = _____
20. (15 ÷ 5) + 5 × 4 = _____

Order of Operations With Parentheses

Answer Key

Parentheses first, then multiply or divide, then add or subtract.

1. (8 ÷ 4 + 2) × 6 = **24**
2. (3 + 11) ÷ 2 + 5 = **12**
3. (48 ÷ 6) + 2 × 9 = **26**
4. (2 × 6 + 9 × 6) ÷ 6 = **11**
5. 45 - (4 + 6) = **35**
6. 3 × (4 + 3) - 9 = **12**
7. 7 × (3 + 4) = **49**
8. 2 × (7 + 9) = **32**
9. (7 + 7) × 9 = **126**
10. 6 × (8 + 3) = **66**
11. 40 - (4 + 5) = **31**
12. 2 × (9 + 5) = **28**
13. (10 ÷ 5) + 6 × 4 = **26**
14. (16 ÷ 8) + 8 × 2 = **18**
15. 5 × (7 + 6) = **65**
16. 30 - (5 + 5) = **20**
17. 3 × (7 + 7) = **42**
18. (8 + 10) ÷ 2 + 7 = **16**
19. 8 × 4 - (5 + 9) = **18**
20. (15 ÷ 5) + 5 × 4 = **23**

Order of Operations With Parentheses (Set 2)

Name: _____ Date: _____

Parentheses first, then multiply or divide, then add or subtract.

1. (6 + 6) × 6 =_____
2. 4 × 9 - (6 + 2) =_____
3. (5 + 5) × (2 - 1) =_____
4. 45 - (6 + 4) = _____
5. 8 × 8 - (6 + 4) =_____
6. 8 × 9 - (4 + 4) =_____
7. (9 + 9) × (7 - 1) =_____
8. 6 × 4 - (4 + 3) =_____
9. (6 + 4) × 3 =_____
10. (16 ÷ 4 + 8) × 2 =_____
11. 5 × 5 - (9 + 9) =_____
12. (12 ÷ 4 + 9) × 8 =_____
13. (8 ÷ 4 + 5) × 5 =_____
14. (42 ÷ 7) + 9 × 3 =_____
15. 7 × (3 + 7) - 5 =_____
16. (4 + 9) × 2 =_____
17. (28 ÷ 4 + 7) × 5 =_____
18. (4 + 5) × 8 =_____
19. (7 + 18) ÷ 5 + 2 =_____
20. 4 × 5 - (3 + 3) =_____

Order of Operations With Parentheses (Set 2)

Answer Key

Parentheses first, then multiply or divide, then add or subtract.

1. (6 + 6) × 6 = **72**
2. 4 × 9 - (6 + 2) = **28**
3. (5 + 5) × (2 - 1) = **10**
4. 45 - (6 + 4) = **35**
5. 8 × 8 - (6 + 4) = **54**
6. 8 × 9 - (4 + 4) = **64**
7. (9 + 9) × (7 - 1) = **108**
8. 6 × 4 - (4 + 3) = **17**
9. (6 + 4) × 3 = **30**
10. (16 ÷ 4 + 8) × 2 = **24**
11. 5 × 5 - (9 + 9) = **7**
12. (12 ÷ 4 + 9) × 8 = **96**
13. (8 ÷ 4 + 5) × 5 = **35**
14. (42 ÷ 7) + 9 × 3 = **33**
15. 7 × (3 + 7) - 5 = **65**
16. (4 + 9) × 2 = **26**
17. (28 ÷ 4 + 7) × 5 = **70**
18. (4 + 5) × 8 = **72**
19. (7 + 18) ÷ 5 + 2 = **7**
20. 4 × 5 - (3 + 3) = **14**

Order of Operations With Exponents

Name: _____ Date: _____

PEMDAS: parentheses, exponents, multiply/divide, add/subtract.

1. $8^2 + 3^2 =$ _____
2. $9^2 - 7 \times 4 =$ _____
3. $6^2 + 4^2 =$ _____
4. $(4 + 5)^2 =$ _____
5. $8^2 - 5 \times 5 =$ _____
6. $(4 + 6)^2 =$ _____
7. $(4 + 7)^2 =$ _____
8. $4^2 + 9^2 =$ _____
9. $6 \times 6^2 =$ _____
10. $2^3 \times 5 + 3 =$ _____
11. $(14 \div 2)^2 - 8 =$ _____
12. $(7 \times 6) - 4^2 =$ _____
13. $6^2 + 7^2 =$ _____
14. $(5 + 7)^2 =$ _____
15. $(7 \times 8) - 6^2 =$ _____
16. $(2 + 3)^2 =$ _____
17. $4^2 + 6^2 =$ _____
18. $6^2 + 8^2 =$ _____
19. $7 \times 5^2 =$ _____
20. $(3 + 3)^2 =$ _____

Order of Operations With Exponents

Answer Key

PEMDAS: parentheses, exponents, multiply/divide, add/subtract.

1. $8^2 + 3^2 =$ **73**
2. $9^2 - 7 \times 4 =$ **53**
3. $6^2 + 4^2 =$ **52**
4. $(4 + 5)^2 =$ **81**
5. $8^2 - 5 \times 5 =$ **39**
6. $(4 + 6)^2 =$ **100**
7. $(4 + 7)^2 =$ **121**
8. $4^2 + 9^2 =$ **97**
9. $6 \times 6^2 =$ **216**
10. $2^3 \times 5 + 3 =$ **43**
11. $(14 \div 2)^2 - 8 =$ **41**
12. $(7 \times 6) - 4^2 =$ **26**
13. $6^2 + 7^2 =$ **85**
14. $(5 + 7)^2 =$ **144**
15. $(7 \times 8) - 6^2 =$ **20**
16. $(2 + 3)^2 =$ **25**
17. $4^2 + 6^2 =$ **52**
18. $6^2 + 8^2 =$ **100**
19. $7 \times 5^2 =$ **175**
20. $(3 + 3)^2 =$ **36**

Order of Operations With Exponents (Set 2)

Name: _____ Date: _____

PEMDAS: parentheses, exponents, multiply/divide, add/subtract.

1. $(12 \div 2)^2 - 4 =$ _____
2. $2^3 \times 9 + 8 =$ _____
3. $2^2 + 4^2 =$ _____
4. $2^3 \times 3 + 7 =$ _____
5. $(5 \times 7) - 2^2 =$ _____
6. $8 \times 6^2 =$ _____
7. $(2 \times 3) - 2^2 =$ _____
8. $8^2 + 6^2 =$ _____
9. $2^3 \times 8 + 2 =$ _____
10. $6^2 + 8^2 =$ _____
11. $5^2 + 8^2 =$ _____
12. $(6 \div 2)^2 - 7 =$ _____
13. $3 \times 6^2 =$ _____
14. $7^2 - 7 \times 4 =$ _____
15. $(12 \div 2)^2 - 9 =$ _____
16. $7^2 + 2 =$ _____
17. $(3 + 9)^2 =$ _____
18. $2^3 \times 9 + 9 =$ _____
19. $8^2 + 7 =$ _____
20. $(14 \div 2)^2 - 7 =$ _____

Order of Operations With Exponents (Set 2)

Answer Key

PEMDAS: parentheses, exponents, multiply/divide, add/subtract.

1. $(12 \div 2)^2 - 4 =$ **32**
2. $2^3 \times 9 + 8 =$ **80**
3. $2^2 + 4^2 =$ **20**
4. $2^3 \times 3 + 7 =$ **31**
5. $(5 \times 7) - 2^2 =$ **31**
6. $8 \times 6^2 =$ **288**
7. $(2 \times 3) - 2^2 =$ **2**
8. $8^2 + 6^2 =$ **100**
9. $2^3 \times 8 + 2 =$ **66**
10. $6^2 + 8^2 =$ **100**
11. $5^2 + 8^2 =$ **89**
12. $(6 \div 2)^2 - 7 =$ **2**
13. $3 \times 6^2 =$ **108**
14. $7^2 - 7 \times 4 =$ **21**
15. $(12 \div 2)^2 - 9 =$ **27**
16. $7^2 + 2 =$ **51**
17. $(3 + 9)^2 =$ **144**
18. $2^3 \times 9 + 9 =$ **81**
19. $8^2 + 7 =$ **71**
20. $(14 \div 2)^2 - 7 =$ **42**