

Level 3.1: +, -, ×, ÷, (), and exponents

Solve the equations by using the order of operations rule.

Name: _____

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

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Solve the equations by using the order of operations rule.

Answers:

1)	$2^3 + 5$	=	13
2)	$(4 + 3)^2$	=	49
3)	3×2^2	=	12
4)	$5 + 2^3$	=	13
5)	$6 \times (2^2 + 1)$	=	30
6)	$(2 + 3)^2 - 4$	=	21
7)	$3^2 + 4 \div 2$	=	6.5
8)	$10 - (3^2 - 2)$	=	3
9)	$4^2 \div 2 + 3$	=	11
10)	$2 + 3 \times 4^2$	=	50
11)	$(3 + 4)^2 \div 7$	=	7
12)	$5 \times (2^2 + 3)$	=	35
13)	$(4 + 2)^2 - 10$	=	26
14)	$3^2 + 2 \times 4$	=	44
15)	$(5 + 1)^2 - 9$	=	27
16)	$4 \times (3^2 - 5)$	=	16
17)	$(2^3 + 4) \div 2$	=	6
18)	$3 + 2^3 \times 2$	=	22
19)	$(3^2 + 4) - 7$	=	6
20)	$2 \times (4^2 - 5)$	=	22