

Order of Operations and Exponents

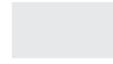
Solve the following.

① $(4^3 \div 2) \times 6 - 3$

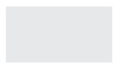
② $(12 \times 12) - (9^2 + 10)$



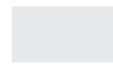
③ $(8^2 - 8 + 7) \times 2$



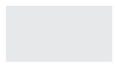
④ $2 \times (5^3 + 2) - 11$



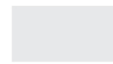
⑤ $5^4 - (3^2 - 3) + 6^3 \div 2$



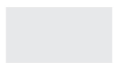
⑥ $(40 \div 10 \times 2)^3 + 17 - 9$



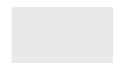
⑦ $3^2 + (17 + 4 - 13)^2$



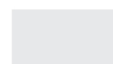
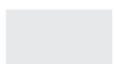
⑧ $10^2 - 3^2 \times (6 - 3) \times 2$



⑨ $4^3 - 15 \times 6 \div (32 - 29)^2$



⑩ $40 \div 10 \times (2^3 + 17 - 9)$



Order of Operations and Exponents

Answers

① $(4^3 \div 2) \times 6 - 3$

② $(12 \times 12) - (9^2 + 10)$

189

53

③ $(8^2 - 8 + 7) \times 2$

④ $2 \times (5^3 + 2) - 11$

126

243

⑤ $5^4 - (3^2 - 3) + 6^3 \div 2$

⑥ $(40 \div 10 \times 2)^3 + 17 - 9$

727

520

⑦ $3^2 + (17 + 4 - 13)^2$

⑧ $10^2 - 3^2 \times (6 - 3) \times 2$

73

46

⑨ $4^3 - 15 \times 6 \div (32 - 29)^2$

⑩ $40 \div 10 \times (2^3 + 17 - 9)$

54

64