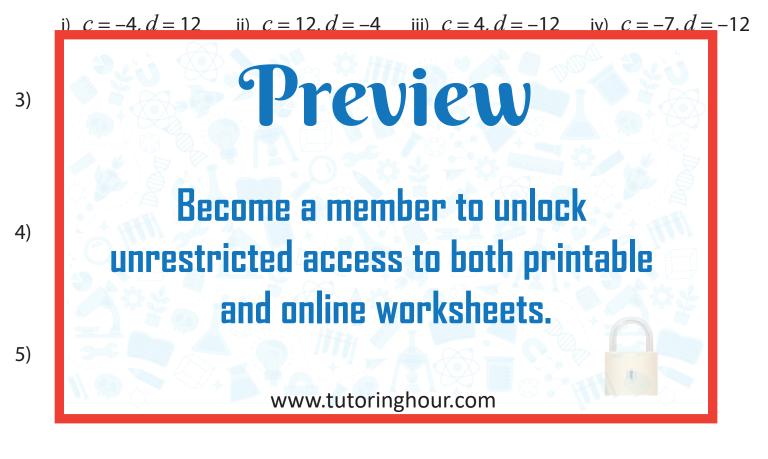# Evaluating Algebraic Expressions

1) At what value of p does the expression $8 + 3p$ equal 20?

   i) $p = -3$ ii) $p = -4$ iii) $p = 3$ iv) $p = 4$

2) For what values of c and d does the expression $(2c - 3)(d + 5)$ equal −35?

   i) $c = -4, d = 12$ ii) $c = 12, d = -4$ iii) $c = 4, d = -12$ iv) $c = -7, d = -12$

3)

4)

5)

Preview

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6) At what value of a does the expression $\dfrac{4 - 3a}{2}$ equal 2?

   i) $a = 1$ ii) $a = 6$ iii) $a = 0$ iv) $a = 4$

7) At what values of s and t does the expression $s - t$ equal 5?

   i) $s = 4, t = -1$ ii) $s = 1, t = 4$ iii) $s = -1, t = 4$ iv) $s = 0, t = 5$