Answers must be clearly **legible**, **simplified** and **boxed** or **circled**. Unless otherwise stated write answer as an **exact** integer or rational or use **two** decimal accuracy. **Units** required.

1)   Simplify $3(Q + 4) - 2(3Q - 4)$

2)   Simplify $65\%(1.4H + 7.2)$

3)   Simplify $(0.15x - 2.34)\,200 - 100$

4)   Simplify to a non-fraction $\dfrac{18 - 12x + 9y}{-3}$

5)   Solve $3(2Q + 7) + 4(3Q - 5) = -62$

6)   Solve $8(y + 2) = 2(y + 3) - 32$

7)   Solve $14.7y - 34.5 = 325.65$

8)   Solve $\dfrac{3x}{4} = 7 + \dfrac{2x}{5}$

9) Solve $\dfrac{9.9g - 5.1}{-1.5} = 214.6$

give answer with 3significant figures

9) Solve $\pi\left(0.2x + \frac{1}{2}\right) = 7\frac{1}{2}$

give answer with 3 significant figures

BONUS

Solve for y

$$\dfrac{3y + 2x}{5} + 18 = 9 - 5\,\dfrac{5x - 7y}{2}$$