What value of a would make the expression a perfect square trinomial?

①
$$X^2 - 20X + C$$
 ② $X^2 + \frac{3}{2}X + C$

$$\frac{-20}{a} = (-10)^2 = 100$$
 ② $\frac{3}{a} \div \frac{2}{1} = \frac{3}{a} \cdot \frac{1}{a} = (\frac{3}{4})^2 = \frac{9}{16}$

Solve for X by completing the square. Round to the nearest hundredth.

$$3 \times 2 - 30 \times = 75$$

$$3(x^{2} - 10 \times) = 75$$

$$3$$

$$X^{2} - 10 \times = 25$$

$$X^{2} - 10 \times + 25 = 25 + 25$$

$$(x - 5)^{2} = 50$$

$$x - 5 = 5 = 50$$

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