Corbettm$\alpha$ths

Write the following as a single fraction, in its simplest form.

$$\frac{7}{6a} + \frac{a^2}{8}$$

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Expand and simplify

$$(x - 4)^3$$

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Write as a fraction

$$1.2\dot{6}$$

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$$tan45° = cos30° \div sin\theta$$

$\theta$ is an acute angle.

Find $\theta$

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A sequence has an nth term of

$$\frac{n + 11}{6n - 12}$$

Which term in the sequence has a value of $\frac{1}{3}$ ?