

What values make the expressions undefined?

$$\frac{x + 4}{5x - 2}$$

$$\frac{6w}{w^2 + 3w - 40}$$

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$$\frac{x+4}{5x-2}$$

$$5x - 2 = 0$$

+2 +2

$$\cancel{5}x = \frac{2}{\cancel{5}}$$

$$x = \frac{2}{5}$$

$$\frac{6w}{w^2 + 3w - 40}$$

$$8 \overset{-40}{\times} -5$$

3

$$(w+8)(w-5) = 0$$

$$w = -8 \text{ and } 5$$