

Denklem Çözme Çalışma Kağıdı-1

1. Aşağıdaki denklemlerin çözüm kümelerini bulunuz.

a) $3x - 1 = 17$

b) $5a + 3 = -a + 27$

c) $3(x - 1) - x + 1 = 17 - (x - 6)$

d) $\frac{m+1}{3} - \frac{m}{2} = 2$

e) $\frac{3-2x}{4} = \frac{x+3}{3}$

f) $4x - 1 = 2(2x + 3)$

$$\text{g) } 3(2m - 4) = 2(3m - 6)$$

$$\text{h) } \frac{x+1}{4} - \frac{2x-1}{2} = \frac{x}{3} + 1$$

$$\text{i) } \frac{2}{3}x - \frac{1}{4}x = 6$$

$$\text{j) } \frac{2(y-1)}{3} + \frac{3}{4}(y+2) = \frac{1}{12}y$$

$$\text{k) } \frac{2}{3x-4} = \frac{-3}{x+5}$$

$$\text{l) } \frac{1}{x-3} + \frac{2}{x-3} = \frac{3}{1-2x}$$