Hospiers. NRts.

C 1 
$$m = \frac{4}{2} - \frac{4}{1}$$
 $= \frac{-4 - (-4)}{-4 - 2}$ 
 $= \frac{-4 + 4}{-6}$ 
 $= \frac{3}{3} = \frac{-162}{-3} - \frac{18}{-3} \times \frac{-18}{3} \times \frac{-18}{$ 

4. I undefined

5. 
$$4(x-3) + 2y = 8x + 2$$
 $4x-12 + 2y = 8x + 42 + 12$ 

$$4x-12 + 2y = 8x + 4x + 2 + 12$$

$$2y = 4x + 14$$

$$y = 2x + 7$$
6.  $-8x - 6y = 3$ 

$$-\frac{6y}{-6} = \frac{3}{-6} + \frac{6x}{-6}$$

$$y = -\frac{1}{2} - \frac{4}{3}x$$
7.  $5x + 2y = 2$ 

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

$$y = 1 - \frac{5}{2}x$$

$$m = -\frac{5}{2} + \frac{2}{3}x$$

8. 
$$32x^{4}y^{2} - 16xy^{3} + 48x^{5}y^{3}$$

A  $16xy^{2}(2x^{3} - 1y + 3x^{4}y)$ 

B 9. Decomp.

10.  $144x^{2} - 25$ 

D  $(12x-5)(12x+5)$ 

11.  $4x^{2} + 5x - 6 - 4 - \frac{5}{24}$ 
 $4x^{2} - 3x + 8x - 6 - \frac{1}{2}y + \frac{1}{2}y - \frac{1}{2}y - \frac{1}{2}y + \frac{1}{2}y - \frac{1}{2}y - \frac{1}{2}y + \frac{1}{2}y - \frac{1}{2}y - \frac{1}{2}y + \frac{1}{2}y - \frac{1}{2}y - \frac{1}{2}y + \frac{1}{2}y - \frac{1}{2}y$ 

15. 
$$3(x^2-2x-1)+3(5x-4-2x^2)$$

C  $3x^2-6x-3+15x-12-6x^2$ 
 $-3x^2+9x-15$ 

16.  $26+0.02x$ 
 $26+0.02x$ 
 $36$ 

17.  $26+0.02x=40$ 
 $0.02x=40-26$ 
 $0.02x=14$ 
 $0.02x=14$ 
 $0.02x=14$ 
 $0.02x=14$ 
 $0.02x=10$ 

C 18.  $9=0.02x+26$ 

C 19.  $(1/6)$ 

A  $20. m=\frac{9_2-9_1}{x_2-x_1}$ 

$$\frac{2}{3}=\frac{9-5}{3}$$

$$\frac{2(x+2)=3(y-5)}{2x+4}=\frac{2(x+2)=3(y-5)}{2x-3y+19=0}$$

21. 
$$\int_{0}^{\infty} \frac{1}{1} \frac{1}{1$$

$$\begin{array}{rcl}
24. & \sqrt[3]{64} & = & \sqrt[3]{2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2} \cdot 2 \\
& = & 2 \cdot \sqrt[3]{2} \\
&$$

$$A = \frac{x^{3}y^{-4}}{(x^{-3}y^{-3})^{3}} = \frac{x^{-6}y^{+8}}{x^{-9}y^{-9}}$$

$$= x^{3}y^{-1}$$

$$= x$$

$$9x + 5y = 15 0$$

$$4x + 10y = 30 0$$

$$2 - 18x - 10y = -30 0$$

$$4x + 10y = 30 0$$

$$x = 1 + 3y$$

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

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

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

$$x = 1 - b$$

$$x = -5$$

$$x = 1 - b$$

$$x = -5$$

$$x = -5$$

$$x = -20$$



