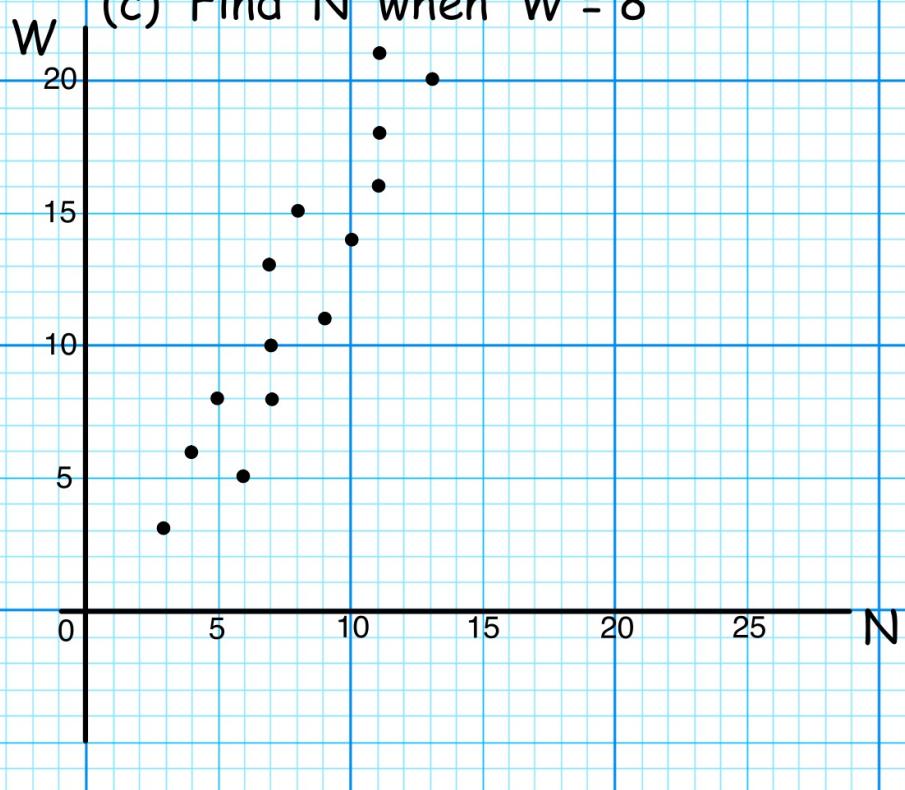


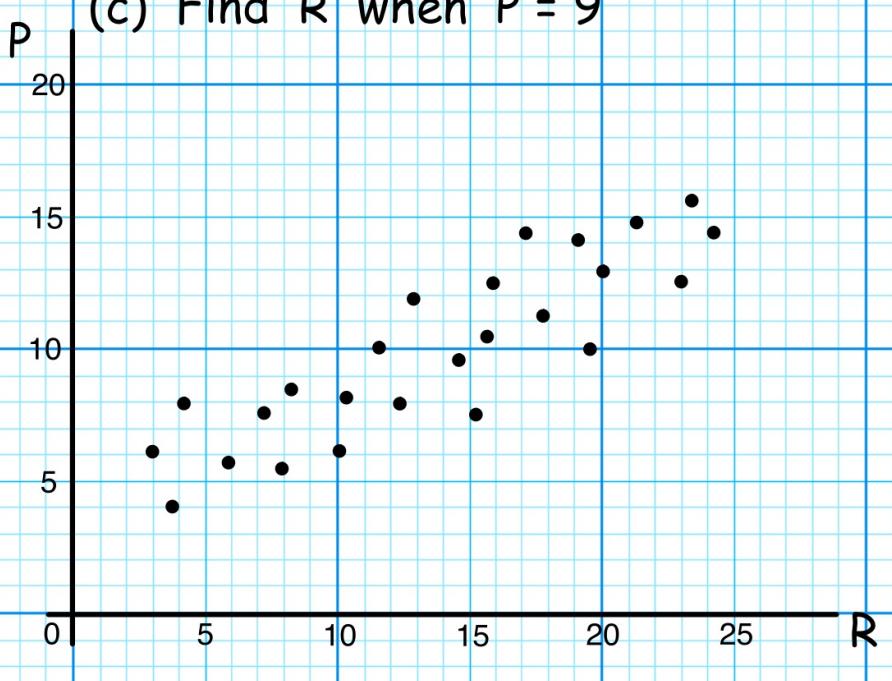
(1)

- (a) Find the formula connecting  $W$  and  $N$   
(b) Find  $W$  when  $N = 10$   
(c) Find  $N$  when  $W = 8$

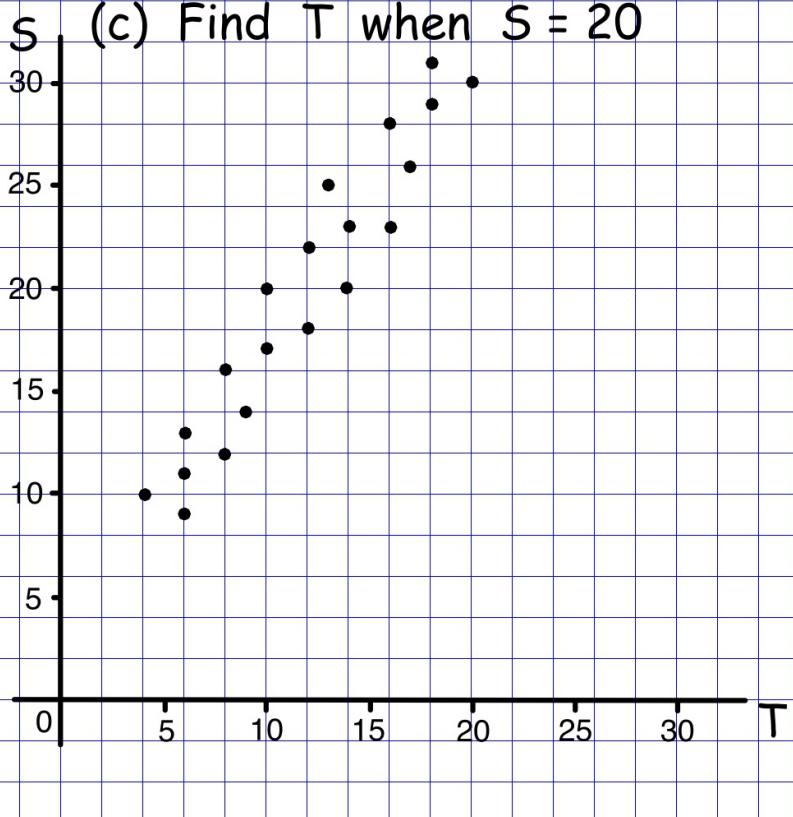


(2)

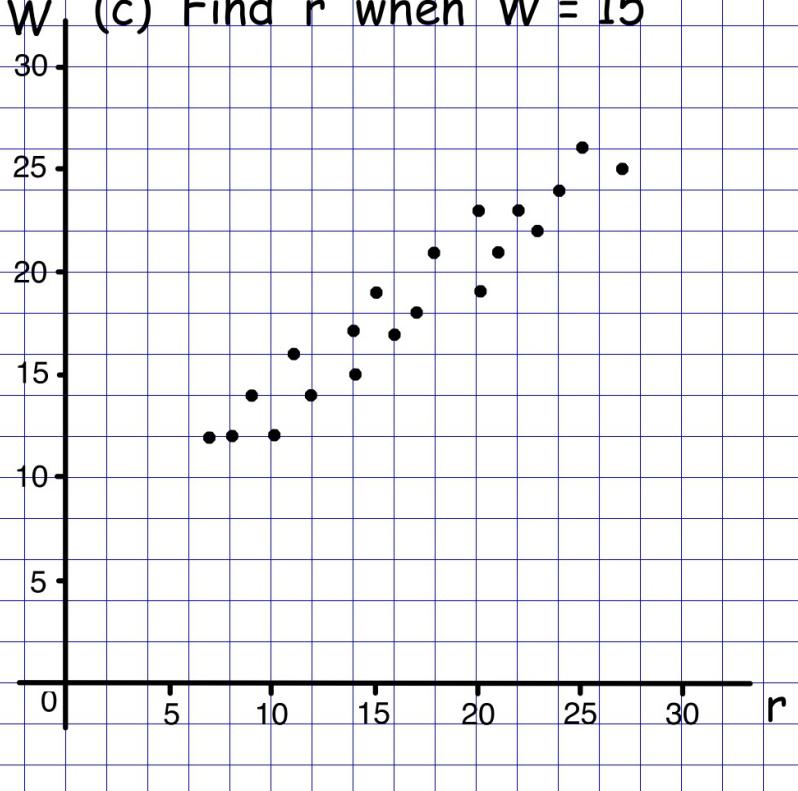
- (a) Find the formula connecting  $P$  and  $R$   
(b) Find  $P$  when  $R = 22$   
(c) Find  $R$  when  $P = 9$



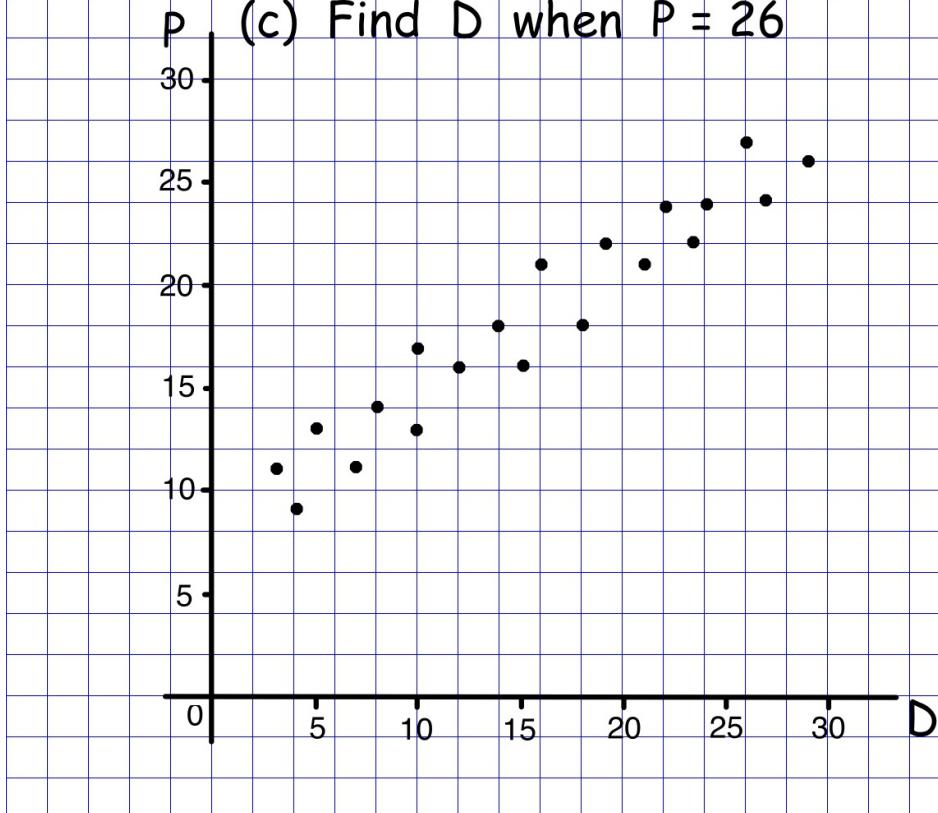
- (3) (a) Find the formula connecting  $S$  and  $T$   
(b) Find  $S$  when  $T = 16$   
(c) Find  $T$  when  $S = 20$



- (4) (a) Find the formula connecting  $W$  and  $r$   
(b) Find  $W$  when  $r = 20$   
(c) Find  $r$  when  $W = 15$

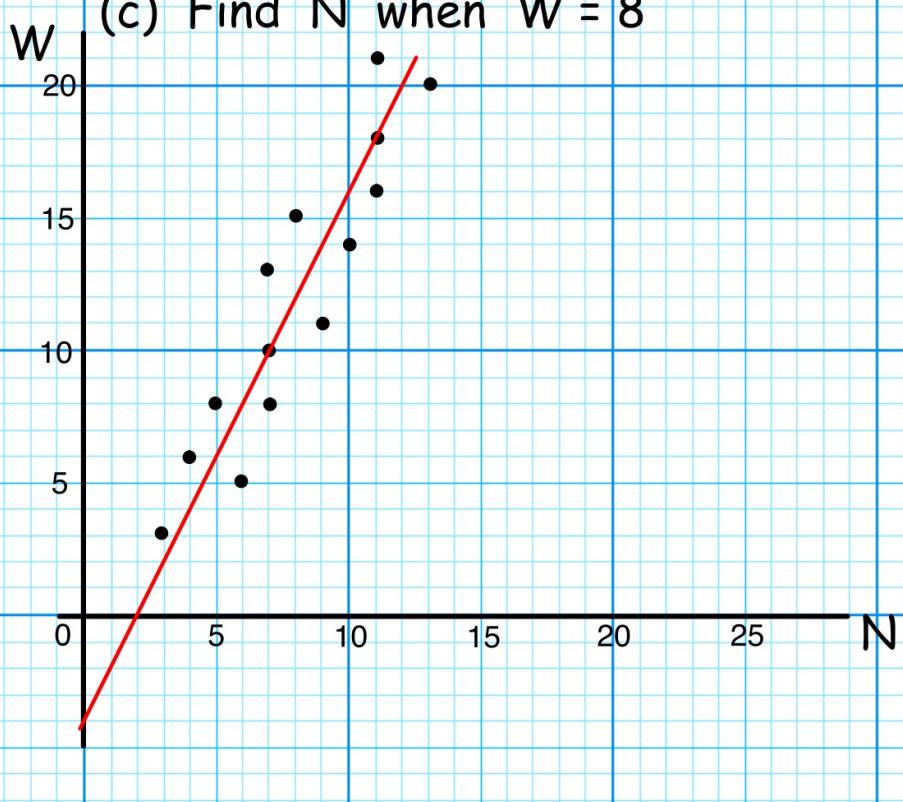


- (5) (a) Find the formula connecting  $P$  and  $D$   
(b) Find  $P$  when  $D = 9$   
(c) Find  $D$  when  $P = 26$



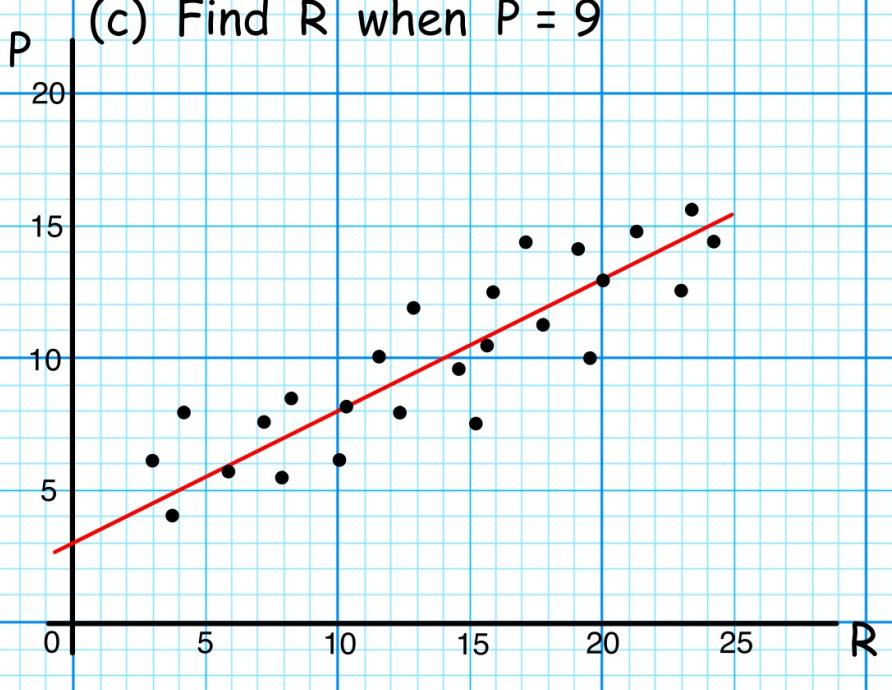
(1)

- (a) Find the formula connecting  $W$  and  $N$
- (b) Find  $W$  when  $N = 10$
- (c) Find  $N$  when  $W = 8$



(2)

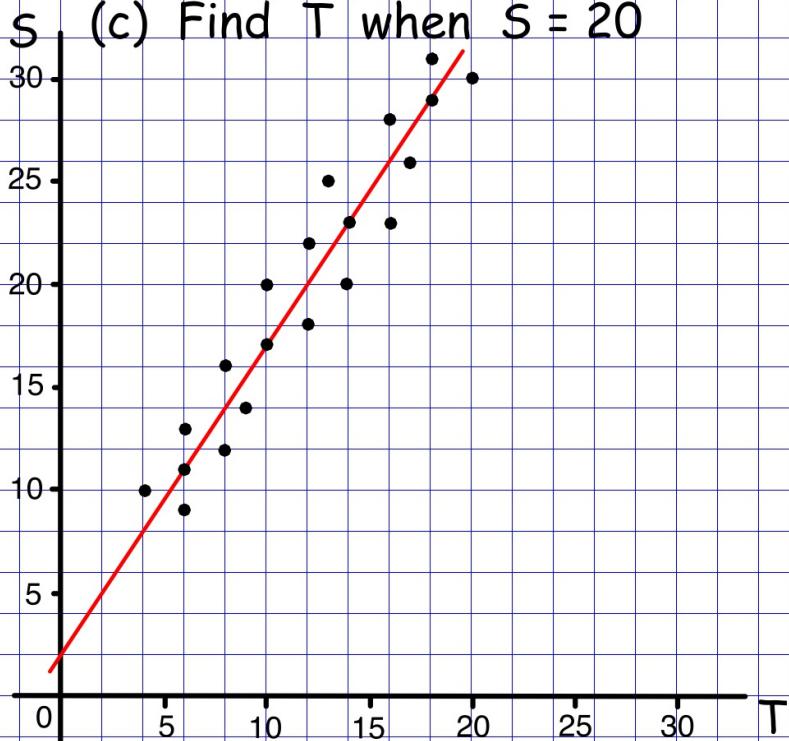
- (a) Find the formula connecting  $P$  and  $R$
- (b) Find  $P$  when  $R = 22$
- (c) Find  $R$  when  $P = 9$



(3) (a) Find the formula connecting  $S$  and  $T$

(b) Find  $S$  when  $T = 16$

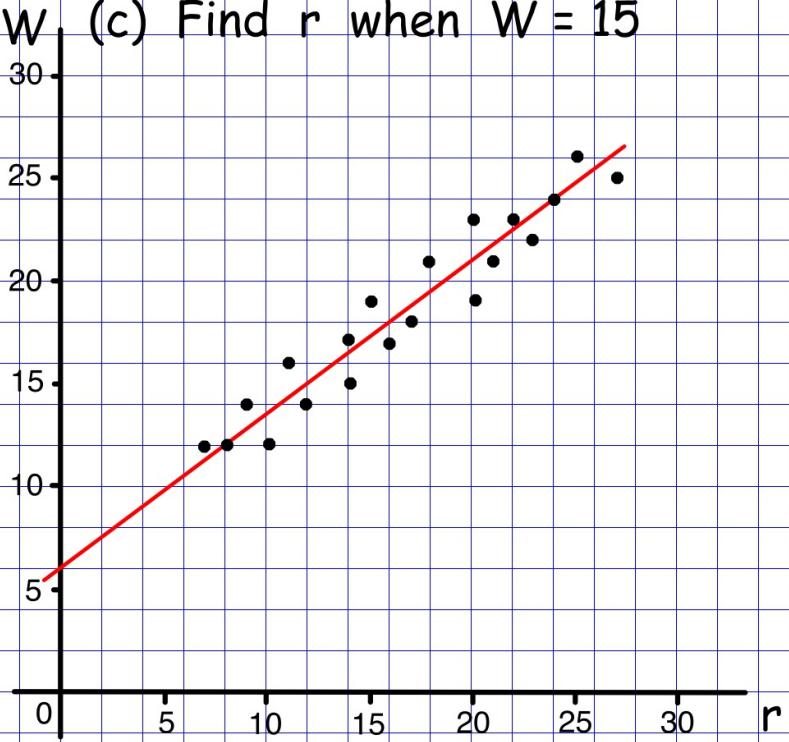
(c) Find  $T$  when  $S = 20$



(4) (a) Find the formula connecting  $W$  and  $r$

(b) Find  $W$  when  $r = 20$

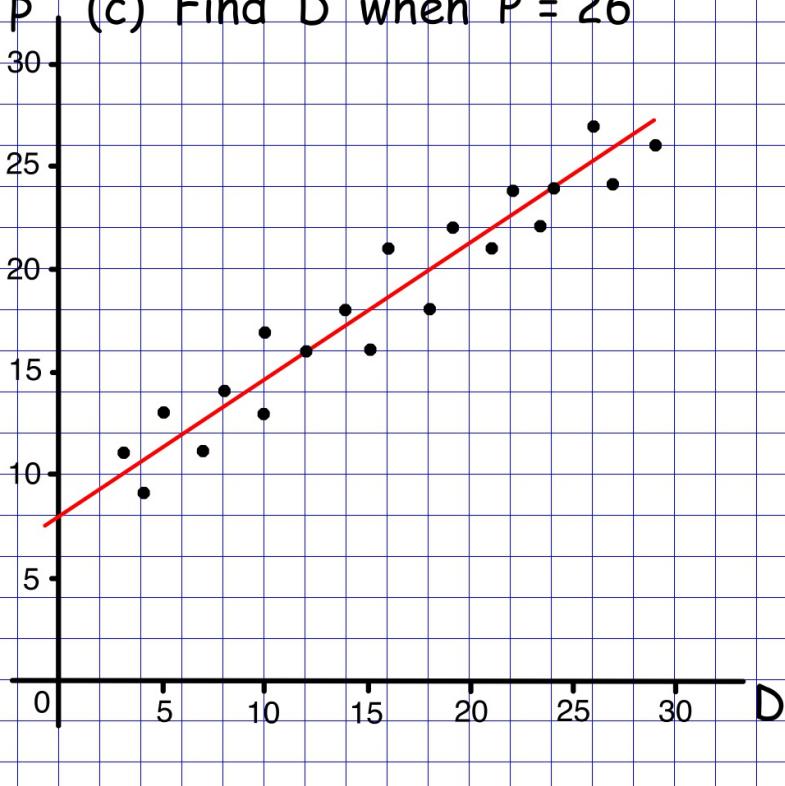
(c) Find  $r$  when  $W = 15$



(5) (a) Find the formula connecting P and D

(b) Find P when D = 9

(c) Find D when P = 26



## ANSWERS

1. (a)  $W = 2N - 4$

(b)  $W = 16$

(c)  $N = 6$

2. (a)  $P = \frac{1}{2}R + 3$

(b)  $P = 14$

(c)  $R = 12$

3. (a)  $S = \frac{3}{2}T + 2$

(b)  $S = 26$

(c)  $T = 12$

4. (a)  $W = \frac{3}{4}r + 6$

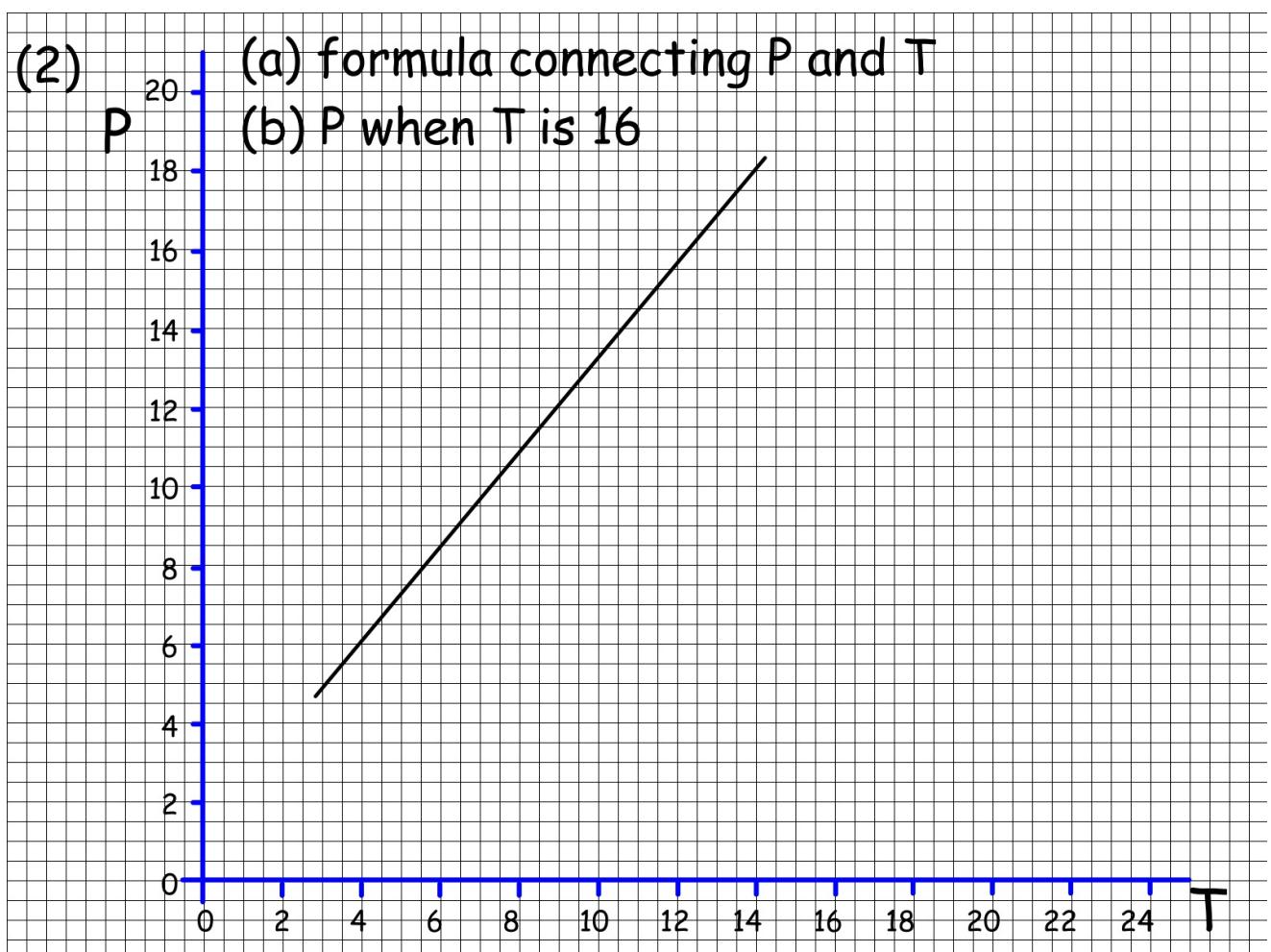
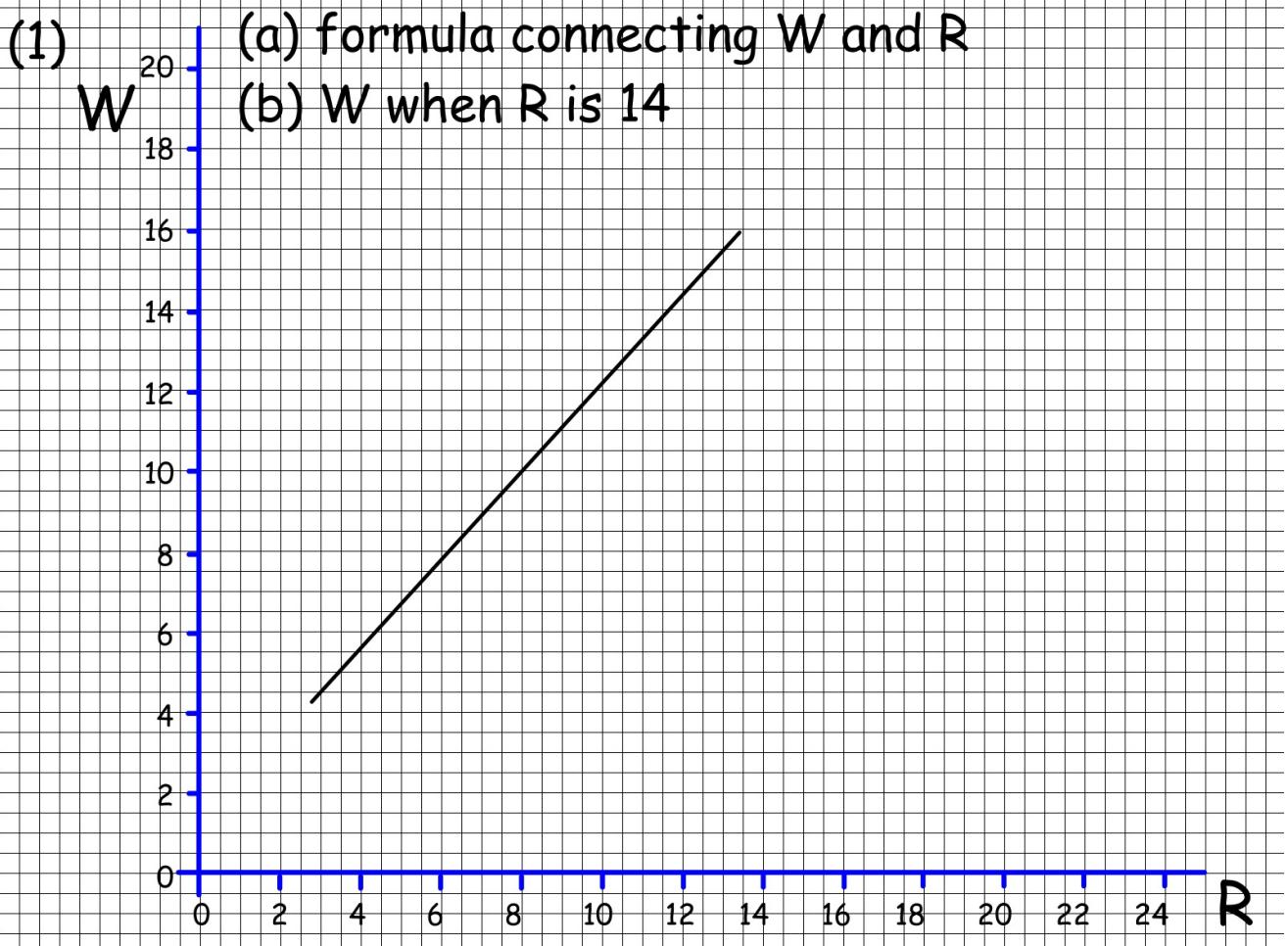
(b)  $W = 21$

(c)  $r = 12$

5. (a)  $P = \frac{2}{3}D + 8$

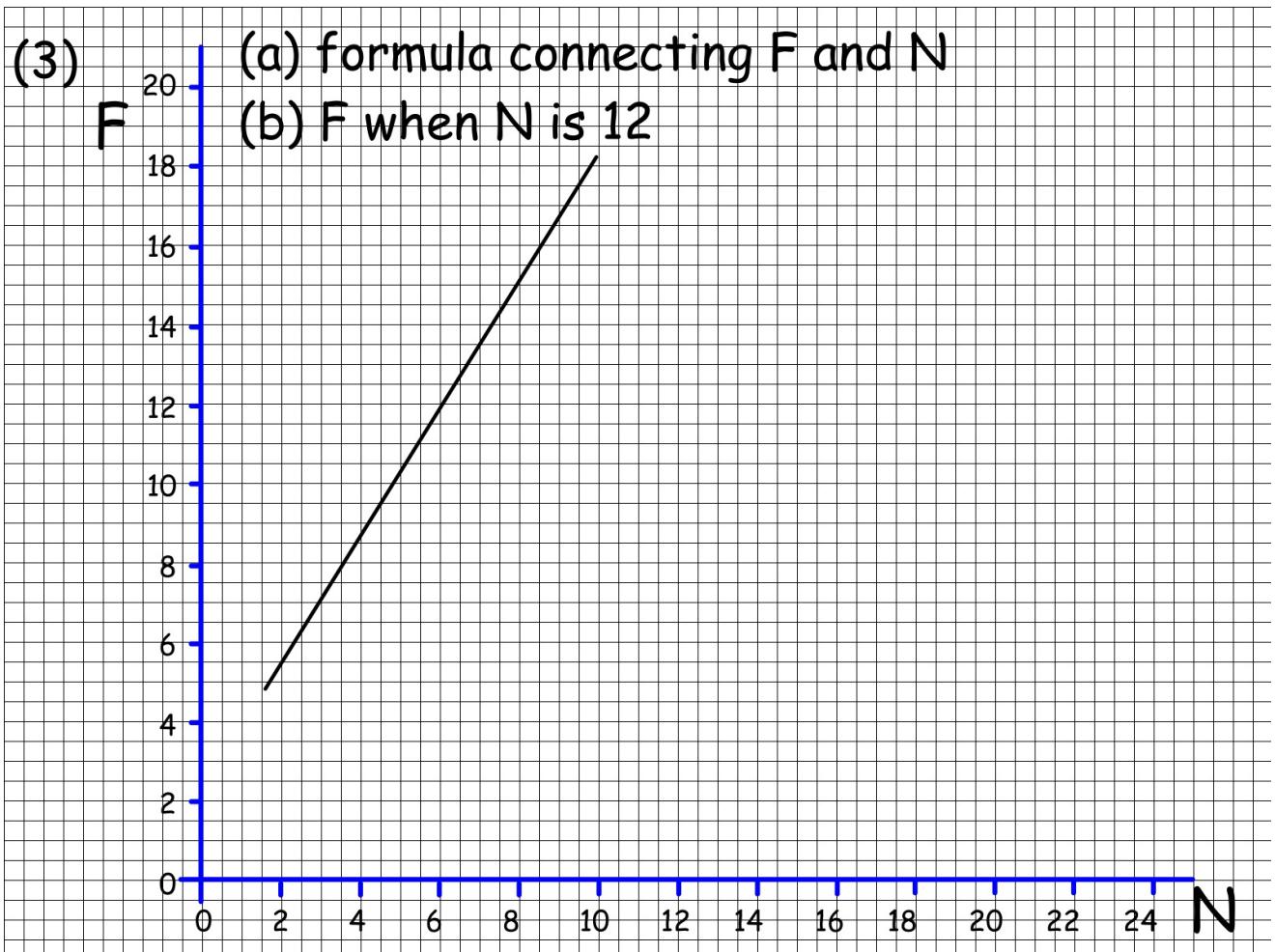
(b)  $P = 14$

(c)  $D = 27$



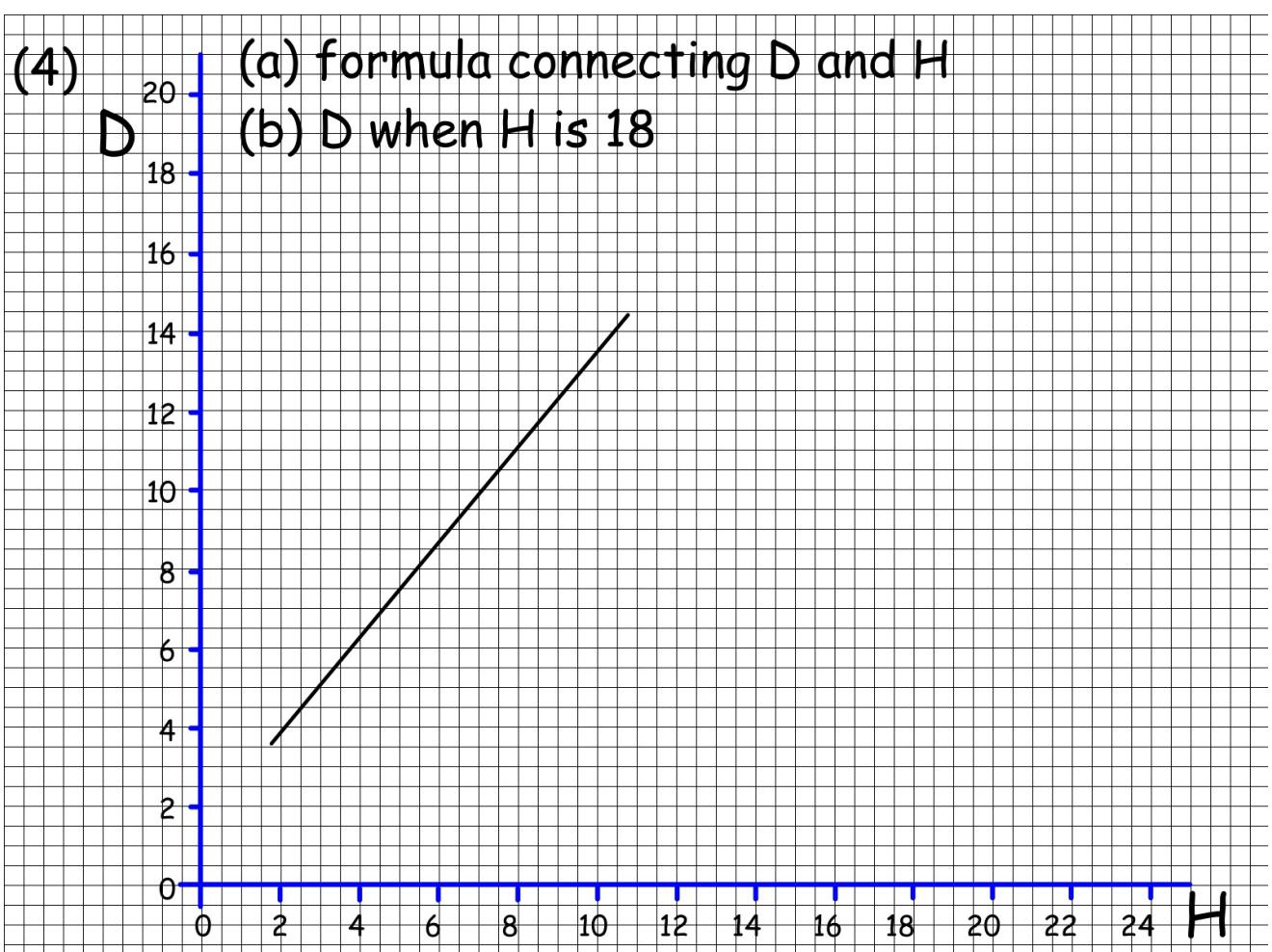
(3)

- (a) formula connecting  $F$  and  $N$   
(b)  $F$  when  $N$  is 12



(4)

- (a) formula connecting  $D$  and  $H$   
(b)  $D$  when  $H$  is 18



## ANSWERS

(1)	(13.0,15.5) (3.0, 4.5)	$W = 1.1R + 1.2$	16.6
(2)	(13.5,17.5) (3.5, 5.5)	$P = 1.2T + 1.3$	20.5
(3)	(9.5,17.5) (2.0, 5.5)	$F = 1.6N + 2.3$	21.5
(4)	(10.0,13.5) (2.5, 4.5)	$D = 1.2H + 1.5$	23.1