

حلول تمارين درس العمليات على الأعداد الطبيعية والأعداد العشرية -2-(3) تطبيق قواعد الأولوية:حل التمرين 1:

$$A = 24 \div 6 \times 5 = 4 \times 5 = 20$$

$$B = 42 \div (9 - 2) \times 5 = 42 \div 7 \times 5 = 6 \times 5 = 30$$

$$C = 16 - 2 \times (5 + 2) = 16 - 2 \times 7 = 16 - 14 = 2$$

$$D = 13 - (19 + 8 \times 2) \div 5 = 13 - (19 + 16) \div 5 = 13 - 35 \div 5 = 13 - 7 = 6$$

$$E = 30 - (12 - 8 - 2) \times 6 = 30 - (4 - 2) \times 6 = 30 - 2 \times 6 = 30 - 12 = 18$$

$$F = 5 \times (5 - 6 \div 2) = 5 \times (5 - 3) = 5 \times 2 = 10$$

$$G = 43 - 5 \times 7 + 4 = 43 - 35 + 4 = 8 + 4 = 12$$

$$H = 62 - (28 - 13 - 7) \times 7 = 62 - (15 - 7) \times 7 = 62 - 8 \times 7 = 62 - 56 = 6$$

$$I = 8 \times (12 - 56 \div 8) + 4 = 8 \times (12 - 7) + 4 = 8 \times 5 + 4 = 40 + 4 = 44$$

حل التمرين 2:

$$A = 15 \times 2 - 4 = 30 - 4 = 26$$

$$B = 3 + 2 \times 6 = 3 + 12 = 15$$

$$C = 2 \times 6 + 3 = 12 + 3 = 15$$

$$D = 6 + 15 \div 3 = 6 + 5 = 11$$

$$E = 3 + (2 \times 6) = 3 + 12 = 15$$

$$F = 6 - 6 \div 2 = 6 - 3 = 3$$

$$G = 2 + 5 \times 3 = 2 + 15 = 17$$

$$H = (3 + 2) \times 6 = 5 \times 6 = 30$$

$$I = (15 + 3) \div 6 = 18 \div 6 = 3$$

$$J = 3 \times 5 + 2 = 15 + 2 = 17$$

حل التمرين 3:

$$A = 29 - (22 - 11 - 8) \times 4 = 29 - (11 - 8) \times 4 = 29 - 3 \times 4 = 29 - 12 = 17$$

$$B = 153 - (4 \times 9 - 6) \times 5 = 153 - (36 - 6) \times 5 = 153 - 30 \times 5 = 153 - 150 = 3$$

$$C = 52 - 4 \times (6 + 3) = 52 - 4 \times 9 = 52 - 36 = 16$$

$$D = 18 \div (14 - 8) \times 2 = 18 \div 6 \times 2 = 3 \times 2 = 6$$

$$E = 428 - (7 \times 9 - 5) \times 7 = 428 - (63 - 5) \times 7 = 428 - 58 \times 7 = 428 - 406 = 22$$

$$F = 33 - (13 - 5 - 2) \times 5 = 33 - (8 - 2) \times 5 = 33 - 6 \times 5 = 33 - 30 = 3$$

حل التمرين 4:

$$A = 12 - (6 + 5) = 12 - 11 = 1$$

$$B = 12 - 6 + 5 = 6 + 5 = 11$$

$$C = 12 - 6 - (2 + 3) = 12 - 6 - 5 = 6 - 5 = 1$$

$$D = 12 - (6 + 2 + 3) = 12 - (8 + 3) = 12 - 11 = 1$$

$$E = 5 \times 4 - 3 = 20 - 3 = 17$$

$$F = 5(4 - 3) = 5 \times 1 = 5$$

$$G = 5 \times 4 - 3 \times 6 = 20 - 18 = 2$$

$$H = 5(4 - 3) \times 6 = 5 \times 1 \times 6 = 5 \times 6 = 30$$

$$I = 6 + 4 \times 2 + 7 = 6 + 8 + 7 = 14 + 7 = 21$$

حل التمرين 5:

$$A = (6 + 4) \times (2 + 7) = 10 \times 9 = 90$$

$$B = 14,5(2 + 3,5) = 14,5 \times 5,5 = 79,75$$

$$C = 14,5 \times 2 + 3,5 = 29 + 3,5 = 32,5$$

$$D = 6 + [4 \times (2 + 7)] = 6 + 4 \times 9 = 6 + 36 = 42$$

$$E = [(14,5 \times 2) + 3,5] \times 2 = (29 + 3,5) \times 2 = 32,5 \times 2 = 65$$

$$F = (12 \div 4) + 2 = 3 + 2 = 5$$

$$G = 12 \div (4 + 2) = 12 \div 6 = 2$$

$$H = 12 \div [4 + (2 \times 4)] = 12 \div [4 + 8] = 12 \div 12 = 1$$

$$I = 24 \div (6 \div 2) = 24 \div 3 = 8$$

حل التمرين 6:

$$A = (24 \div 6) \div 2 = 4 \div 2 = 2$$

$$B = (24 \div 2) \div (18 \div 3) = 12 \div 6 = 2$$

$$C = 12 \times 10 + 28 = 120 + 28 = 148$$

$$D = 120 \div (65 - 25) = 120 \div 40 = 3$$

$$E = 3 \times 100 + 7 \times 10 = 300 + 70 = 370$$

$$F = 4 \times (0,7 \times 100 + 30) - 25 \times 10 = 4 \times (70 + 30) - 250$$

$$= 4 \times 100 - 250 = 400 - 250 = 150$$

$$G = 5 \times 4 + 3 = 20 + 3 = 23$$

$$H = 18 \div 6 + 3 = 3 + 3 = 6$$

حل التمرين 7:

$$A = 3 \times (3 + 10) + 7 \times 10 = 3 \times 13 + 70 = 39 + 70 = 109$$

$$B = (6 + 99) \times (16 + 4) - 14 \times 5 = 105 \times 20 - 70 = 2100 - 70 = 2030$$

$$C = 7 \times (8 + 12) = 7 \times 20 = 140$$

$$D = 58 - (15 + 25) = 58 - 40 = 18$$

$$E = 13 + 15 \div 3 = 13 + 5 = 18$$

$$F = 3,78 \times 10 \times 100 = 37,8 \times 100 = 3780$$

$$G = 3 \times (3 \times 6 + 2 - 6) = 3 \times (18 + 2 - 6) = 3 \times (20 - 6) = 3 \times 14 = 42$$

$$H = 6 \times (2 \times 15 - 10 \times 2) - 6 \times 3 = 6 \times (30 - 20) - 18 = 6 \times 10 - 18 = 60 - 18 = 42$$

حل التمرين 8:

$$A = 24 \div 3 - 2 = 8 - 2 = 6$$

$$B = 25 \div 5 \times 2 = 5 \times 2 = 10$$

$$C = 80 - (2 + 4) = 80 - 6 = 74$$

$$D = 2 + 3 \times (5 + 4) = 2 + 3 \times 9 = 2 + 27 = 29$$

حل التمرين 9:

$$A = (2 + 3 \times 4) \times (20 - 5)$$

$$B = [3 + 2 \times (9 - 4)] \times (3 + 2)$$

$$C = [(2 + 4) \times 0,5] \times 2 + 4$$

$$D = (46 - 8 \times 5 - 6) \times (15 \times 32 + 4)$$

حل التمرين 10:

$$A = 13 - 21 \times (10 + 21)$$

$$B = 20 - 19 \div 20 + 12$$

$$C = 9 \times 24 \times 5$$

$$D = (16 + 12) - 14$$

$$E = 4 - 28 \div (20 \times 30)$$

$$F = 7 \times 16 \div 9$$

$$G = 16 \div 3 \times 29$$

$$H = 23 + 16 \times 30 + 15$$