Mental Questions - Answers only please

1) 28 **+** (-26)=	**2)** -110 ÷ (10)=	**3)** -4 **x** (-8) =
4) 19 **-** (97)=	**5)** ⅔ of 36 =	**6)** 217 **-** 88 **+** 644 =
7) 0.09 **x** 0.005 =	**8)** 0.00008 ÷ 0.02	**9)** 121 **-** 15 ÷ 5 =

Copy and complete the question

10) $\sqrt[4]{625}$	**11)** Round to 3 significant figures 639080	**12)** 44 % of 340
13) $\dfrac{4}{5} \div \dfrac{4}{5}$	**14)** Calculate the percentage increase when 80 kg is increased to 140 kg	**15)** Calculate the maximum and minimum values of (810 ± 1.4) ml
16) $\dfrac{8}{9}$ X $\dfrac{1}{7}$	**17)** Calculate the percentage decrease when 90 kg is decreased to 54 kg	**18)** $\dfrac{1}{8}$ **-** $\dfrac{6}{7}$

Answers

1) 2	**7)** 0.00045	**13)** 1
2) -11	**8)** 0.004	**14)** 75 %
3) 32	**9)** 118	**15)** max= 811.4 min= 808.60
4) -78	**10)** 5	**16)** 8/63
5) 24	**11)** 639000	**17)** 40 %
6) 773	**12)** 149.6	**18)** - 41/56

Mental Questions - Answers only please

1) 67 **+** (69)=	**2)** -30 ÷ (-5)=	**3)** 10 **x** (-3) =
4) -11 **-** (57)=	**5)** ¾ of 20 =	**6)** 206 **-** 224 **+** 627 =
7) 0.09 **x** 0.9 =	**8)** 0.72 ÷ 0.6	**9)** 108 **-** 12 **x** 3 =

Copy and complete the question

10) Evaluate 3^3	**11)** Round to 3 significant figures 9.7952	**12)** 82 % of 290
13) $\dfrac{7}{8} \div \dfrac{4}{7}$	**14)** Calculate the percentage increase when 10 kg is increased to 17 kg	**15)** Calculate the maximum and minimum values of (440 ± 9.8) ml
16) $\dfrac{1}{4} \times \dfrac{1}{5}$	**17)** Calculate the percentage decrease when 30 kg is decreased to 15 kg	**18)** $\dfrac{1}{5} + \dfrac{1}{3}$

Answers

1)	136	**7)**	0.081	**13)**	1 17/32
2)	6	**8)**	1.2	**14)**	70 %
3)	-30	**9)**	72	**15)**	max= 449.8 min= 430.20
4)	-68	**10)**	27	**16)**	1/20
5)	15	**11)**	9.8	**17)**	50 %
6)	609	**12)**	237.8	**18)**	8/15

Mental Questions - Answers only please

1) -48 **+** (-90)=	2) -16 ÷ (-4)=	3) -6 **x** (4) =
4) 45 - (-97)=	5) ⅔ of 27 =	6) 457 - 883 - 992 =
7) 0.07 **x** 0.05 =	8) 0.0001 ÷ 0.2	9) 24 - 40 **x** 8 =

Copy and complete the question

10) $^3\sqrt{64}$	11) Round to 2 significant figures 753683	12) 11 % of 340
13) $\dfrac{1}{2} \div \dfrac{1}{3}$	14) Calculate the percentage increase when 40 kg is increased to 60 kg	15) Calculate the maximum and minimum values of (450 ± 4.8) ml
16) $\dfrac{1}{2}$ X $\dfrac{1}{7}$	17) Calculate the percentage decrease when 60 kg is decreased to 15 kg	18) $\dfrac{8}{9} - \dfrac{3}{7}$

Answers

1)	-138	7)	0.0035	13)	1 1/2
2)	4	8)	0.0005	14)	50 %
3)	-24	9)	-296	15)	max= 454.8 min= 445.20
4)	142	10)	4	16)	1/14
5)	18	11)	750000	17)	75 %
6)	-1418	12)	37.4	18)	29/63

Mental Questions - Answers only please

1) 79 **+** (33)=	**2)** 110 ÷ (10)=	**3)** -3 **x** (2) =
4) 16 **-** (-58)=	**5)** ¾ of 48 =	**6)** 869 - 492 - 380 =
7) 0.00005 **x** 0.7 =	**8)** 0.0012 ÷ 0.04	**9)** 96 **+** 35 ÷ 7 =

Copy and complete the question

10) Evaluate 3^2	**11)** Round to 2 significant figures 4.8042	**12)** 72 % of 310
13) $\dfrac{3}{4} \div \dfrac{1}{3}$	**14)** Calculate the percentage increase when 10 kg is increased to 11 kg	**15)** Calculate the maximum and minimum values of (170 ± 6.3) ml
16) $\dfrac{1}{2} \text{ X } \dfrac{1}{5}$	**17)** Calculate the percentage decrease when 30 kg is decreased to 6 kg	**18)** $\dfrac{4}{5} - \dfrac{1}{3}$

Answers

1)	112	**7)**	0.000035	**13)**	2 1/4
2)	11	**8)**	0.03	**14)**	10 %
3)	-6	**9)**	101	**15)**	max= 176.3 min= 163.70
4)	74	**10)**	9	**16)**	1/10
5)	36	**11)**	4.8	**17)**	80 %
6)	-3	**12)**	223.2	**18)**	7/15

Mental Questions - Answers only please

1) 51 **+** (62)=	**2)** -72 ÷ (-12)=	**3)** 12 **x** (10) =
4) 31 **-** (-73)=	**5)** ⅔ of 15 =	**6)** 633 **-** 204 **+** 188 =
7) 0.0006 **x** 0.06 =	**8)** 0.0044 ÷ 0.04	**9)** 50 **-** 27 ÷ 9 =

Copy and complete the question

10) $$\sqrt[3]{64}$$	**11)** Round to 3 significant figures
	
	      670452
		12)
		
		    40 % of 200

13) $$\frac{6}{7} \div \frac{1}{2}$$	**14)** Calculate the percentage increase when 50 kg is increased to 60 kg	**15)** Calculate the maximum and minimum values of (110 ± 0.9) ml
16) $$\frac{1}{8} \times \frac{6}{7}$$	**17)** Calculate the percentage decrease when 80 kg is decreased to 24 kg	**18)** $$\frac{1}{8} - \frac{1}{7}$$

Answers

1) 113	**7)** 0.000036	**13)** 1 5/7
2) 6	**8)** 0.11	**14)** 20 %
3) 120	**9)** 47	**15)** max= 110.9 min= 109.10
4) 104	**10)** 4	**16)** 3/28
5) 10	**11)** 670000	**17)** 70 %
6) 617	**12)** 80	**18)** - 1/56

Mental Questions - Answers only please

1) -86 **+** (68)=	**2)** -32 **÷** (-8)=	**3)** -7 **x** (6) =
4) 38 **-** (-86)=	**5)** ¾ of 32 =	**6)** 857 **-** 538 **+** 978 =
7) 0.1 **x** 0.2 =	**8)** 0.00084 **÷** 0.07	**9)** 28 + 8 **x** 2 =

Copy and complete the question

10) Evaluate $$4^2$$	**11)** Round to 3 significant figures 8.7737	**12)** 13 % of 4700
13) $$\frac{1}{9} \div \frac{2}{3}$$	**14)** Calculate the percentage increase when 60 kg is increased to 102 kg	**15)** Calculate the maximum and minimum values of (750 $\pm$ 0.6) ml
16) $$\frac{1}{8} \times \frac{4}{7}$$	**17)** Calculate the percentage decrease when 90 kg is decreased to 22.5 kg	**18)** $$\frac{1}{3} - \frac{1}{3}$$

Answers

1)	-18	**7)**	0.02	**13)**	1/6
2)	4	**8)**	0.012	**14)**	70 %
3)	-42	**9)**	44	**15)**	max= 750.6 min= 749.40
4)	124	**10)**	16	**16)**	1/14
5)	24	**11)**	8.77	**17)**	75 %
6)	1297	**12)**	611	**18)**	0

Mental Questions - Answers only please

1) 36 **+** (-87)=	**2)** 9 ÷ (-3)=	**3)** -4 **x** (2) =
4) -48 **-** (96)=	**5)** ⅔ of 42 =	**6)** 903 **+** 657 **-** 399 =
7) 0.00006 **x** 0.08 =	**8)** 0.0072 ÷ 0.8	**9)** 20 **-** 36 **x** 9 =

Copy and complete the question

10)

$$^4\sqrt{1}$$

11)
Round to 2 significant figures

627460

12)

58 % of 1000

13)

$$\frac{3}{4} \div \frac{1}{2}$$

14) Calculate the percentage increase when 40 kg is increased to 70 kg

15) Calculate the maximum and minimum values of

(160 ± 8.6) ml

16)

$$\frac{6}{7} \times \frac{1}{2}$$

17) Calculate the percentage decrease when 80 kg is decreased to 56 kg

18)

$$\frac{1}{7} + \frac{5}{7}$$

Answers

1)	-51	**7)**	0.0000048	**13)**	1 1/2
2)	-3	**8)**	0.009	**14)**	75 %
3)	-8	**9)**	-304	**15)**	max= 168.6 min= 151.40
4)	-144	**10)**	1	**16)**	3/7
5)	28	**11)**	630000	**17)**	30 %
6)	1161	**12)**	580	**18)**	6/7

Mental Questions - Answers only please

1) 64 **+** (-58)=	**2)** 63 ÷ (9)=	**3)** -7 **x** (3) =
4) 21 - (43)=	**5)** ⅘ of 45 =	**6)** 395 - 89 - 639 =
7) 0.11 **x** 0.6 =	**8)** 0.008 ÷ 0.2	**9)** 36 - 20 ÷ 10 =

Copy and complete the question

10) Evaluate

$$6^4$$

11)
Round to 1 significant figures

8.8947

12)

51 % of 2600

13)

$$\frac{1}{6} \div \frac{3}{5}$$

14) Calculate the percentage increase when 60 kg is increased to 90 kg

15) Calculate the maximum and minimum values of

(920 ± 1.6) ml

16)

$$\frac{1}{2} \times \frac{1}{2}$$

17) Calculate the percentage decrease when 30 kg is decreased to 6 kg

18)

$$\frac{1}{8} + \frac{1}{3}$$

Answers

1)	6	**7)**	0.066	**13)**	5/18
2)	7	**8)**	0.04	**14)**	50 %
3)	-21	**9)**	34	**15)**	max= 921.6 min= 918.40
4)	-22	**10)**	1296	**16)**	1/4
5)	36	**11)**	9	**17)**	80 %
6)	-333	**12)**	1326	**18)**	11/24

Mental Questions - Answers only please

1) -46 **+** (-36)=	**2)** -63 ÷ (9)=	**3)** 2 **x** (-10) =
4) 29 **-** (-91)=	**5)** ⅔ of 27 =	**6)** 876 **+** 817 **+** 316 =
7) 0.0003 **x** 0.06 =	**8)** 0.021 ÷ 0.03	**9)** 42 + 25 ÷ 5 =

Copy and complete the question

10) $$^4\sqrt{1}$$	**11)** Round to 3 significant figures
	
	      439036
		12)
		
		     93 % of 80

13) $$\frac{1}{5} \div \frac{2}{5}$$	**14)** Calculate the percentage increase when 50 kg is increased to 60 kg	**15)** Calculate the maximum and minimum values of (260 ± 9.9) ml
16) $$\frac{1}{7} \times \frac{1}{3}$$	**17)** Calculate the percentage decrease when 40 kg is decreased to 28 kg	**18)** $$\frac{3}{4} + \frac{1}{2}$$

Answers

1)	-82	**7)**	0.000018	**13)**	1/2
2)	-7	**8)**	0.7	**14)**	20 %
3)	-20	**9)**	47	**15)**	max= 269.9 min= 250.10
4)	120	**10)**	1	**16)**	1/21
5)	18	**11)**	439000	**17)**	30 %
6)	2009	**12)**	74.4	**18)**	1 1/4

Mental Questions - Answers only please

1) -45 **+** (57)=	**2)** 40 ÷ (10)=	**3)** -12 **x** (12) =
4) 28 - (91)=	**5)** ⅚ of 30 =	**6)** 807 - 344 - 706 =
7) 0.002 **x** 0.07 =	**8)** 0.0042 ÷ 0.07	**9)** 30 - 40 **x** 10 =

Copy and complete the question

10) Evaluate
 	
     6 ³
	11)
	Round to 2 significant figures
	
	    6.0573
		12)
		
		    84 % of 50

13)
    $\dfrac{1}{8}$ ÷ $\dfrac{5}{7}$
	14) Calculate the percentage
	   increase when 50 kg
	   is increased to 70 kg
		15) Calculate the maximum
		and minimum values of
		
		  (220 ± 5.4) ml

16)
    $\dfrac{1}{8}$ **x** $\dfrac{3}{7}$
	17) Calculate the percentage
	   decrease when 90 kg
	   is decreased to 72 kg
		18)
		
		    $\dfrac{5}{6}$ **+** $\dfrac{2}{5}$

Answers

1)	12	**7)**	0.00014	**13)**	7/40
2)	4	**8)**	0.06	**14)**	40 %
3)	-144	**9)**	-370	**15)**	max= 225.4 min= 214.60
4)	-63	**10)**	216	**16)**	3/56
5)	25	**11)**	6.1	**17)**	20 %
6)	-243	**12)**	42	**18)**	1 7/30

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Mental Questions - Answers only please

1) -23 **+** (-68)=	**2)** -24 ÷ (-12)=	**3)** -11 **x** (7) =
4) 12 **-** (70)=	**5)** ⅔ of 36 =	**6)** 966 **-** 817 **+** 90 =
7) 0.12 **x** 0.07 =	**8)** 0.32 ÷ 0.08	**9)** 110 **-** 12 ÷ 6 =

Copy and complete the question

10) $\sqrt[4]{1}$	**11)** Round to 2 significant figures 952841	**12)** 17 % of 1900
13) $\dfrac{1}{8} \div \dfrac{5}{7}$	**14)** Calculate the percentage increase when 50 kg is increased to 55 kg	**15)** Calculate the maximum and minimum values of (270 ± 9.9) ml
16) $\dfrac{5}{6}$ X $\dfrac{1}{2}$	**17)** Calculate the percentage decrease when 20 kg is decreased to 12 kg	**18)** $\dfrac{1}{9}$ **+** $\dfrac{6}{7}$

Answers

1)	-91	**7)**	0.0084	**13)**	7/40
2)	2	**8)**	4	**14)**	10 %
3)	-77	**9)**	108	**15)**	max= 279.9 min= 260.10
4)	-58	**10)**	1	**16)**	5/12
5)	24	**11)**	950000	**17)**	40 %
6)	239	**12)**	323	**18)**	61/63

Mental Questions - Answers only please

1) -99 **+** (17)=	**2)** 28 **÷** (4)=	**3)** -11 **x** (3) =
4) -49 **-** (-67)=	**5)** ¾ of 32 =	**6)** 331 **+** 624 **-** 935 =
7) 0.0001 **x** 0.4 =	**8)** 0.0108 **÷** 0.09	**9)** 84 **+** 36 **÷** 9 =

Copy and complete the question

10) Evaluate
 	
     5^3
	11)
	Round to 1 significant figures
	
	     2.1971
		12)
		
		    22 % of 900

13)
 	
   $\dfrac{6}{7}$ ÷ $\dfrac{1}{2}$
	14) Calculate the percentage increase when 30 kg is increased to 37.5 kg	**15)** Calculate the maximum and minimum values of
		
		   (500 **±** 9.3) ml

16)
 	
   $\dfrac{1}{2}$ X $\dfrac{1}{2}$
	17) Calculate the percentage decrease when 20 kg is decreased to 10 kg	**18)**
		
		   $\dfrac{3}{4}$ **+** $\dfrac{1}{5}$

Answers

1) -82	**7)** 0.00004	**13)** 1 5/7	
2) 7	**8)** 0.12	**14)** 25 %	
3) -33	**9)** 88	**15)** max= 509.3 min= 490.70	
4) 18	**10)** 125	**16)** 1/4	
5) 24	**11)** 2	**17)** 50 %	
6) 20	**12)** 198	**18)** 19/20	

Mental Questions - Answers only please

1) -61 **+** (-60)=	**2)** -96 **÷** (-8)=	**3)** -2 **x** (-3) =
4) -36 **-** (87)=	**5)** ⅚ of 60 =	**6)** 950 **-** 555 **-** 689 =
7) 0.12 **x** 0.08 =	**8)** 0.00008 ÷ 0.1	**9)** 40 **-** 20 **x** 10 =

Copy and complete the question

10) $\sqrt[3]{8}$	**11)** Round to 1 significant figures 325971	**12)** 15 % of 1700
13) $\dfrac{2}{3} \div \dfrac{6}{7}$	**14)** Calculate the percentage increase when 10 kg is increased to 17 kg	**15)** Calculate the maximum and minimum values of (280 ± 4.8) ml
16) $\dfrac{7}{8} \times \dfrac{1}{2}$	**17)** Calculate the percentage decrease when 10 kg is decreased to 6 kg	**18)** $\dfrac{1}{6} - \dfrac{3}{7}$

Answers

1) -121	**7)** 0.0096	**13)** 7/9
2) 12	**8)** 0.0008	**14)** 70 %
3) 6	**9)** -160	**15)** max= 284.8 min= 275.20
4) -123	**10)** 2	**16)** 7/16
5) 50	**11)** 300000	**17)** 40 %
6) -294	**12)** 255	**18)** - 11/42

Mental Questions - Answers only please

1) -67 **+** (87)=	**2)** 36 ÷ (3)=	**3)** -10 **x** (11) =
4) 14 - (-72)=	**5)** ⅔ of 30 =	**6)** 453 - 732 - 800 =
7) 0.07 **x** 0.07 =	**8)** 0.03 ÷ 0.1	**9)** 40 - 15 ÷ 3 =

Copy and complete the question

10) Evaluate
 	
           1   ^{3}
	11)
	Round to 3 significant figures
	
	     2.8139
		12)
		
		     28 % of 470

13) $\dfrac{5}{6}$ ÷ $\dfrac{5}{7}$	**14)** Calculate the percentage increase when 10 kg is increased to 15 kg	**15)** Calculate the maximum and minimum values of (410 ± 0.5) ml

16)
 	
    $\dfrac{5}{6}$ X $\dfrac{5}{7}$
	17) Calculate the percentage
	 decrease when 90 kg
	 is decreased to 45 kg
		18)
		
		    $\dfrac{3}{4}$ **+** $\dfrac{2}{7}$

Answers

1)	20	**7)**	0.0049	**13)**	1 1/6
2)	12	**8)**	0.3	**14)**	50 %
3)	-110	**9)**	35	**15)**	max= 410.5 min= 409.50
4)	86	**10)**	1	**16)**	25/42
5)	20	**11)**	2.81	**17)**	50 %
6)	-1079	**12)**	131.6	**18)**	1 1/28

Mental Questions - Answers only please

1) 56 **+** (-20)=	**2)** 9 ÷ (3)=	**3)** -7 **x** (-12) =
4) -43 **-** (-83)=	**5)** ⅔ of 24 =	**6)** 196 **+** 271 **+** 636 =
7) 0.12 **x** 0.5 =	**8)** 0.0006 ÷ 0.6	**9)** 36 - 32 ÷ 8 =

Copy and complete the question

10) $\sqrt[3]{27}$	**11)** Round to 1 significant figures 220463	**12)** 88 % of 3900
13) $\dfrac{7}{8} \div \dfrac{1}{2}$	**14)** Calculate the percentage increase when 60 kg is increased to 78 kg	**15)** Calculate the maximum and minimum values of (850 ± 1.3) ml
16) $\dfrac{7}{8} \times \dfrac{1}{5}$	**17)** Calculate the percentage decrease when 10 kg is decreased to 8 kg	**18)** $\dfrac{1}{2} + \dfrac{4}{5}$

Answers

1) 36	**7)** 0.06	**13)** 1 3/4
2) 3	**8)** 0.001	**14)** 30 %
3) 84	**9)** 32	**15)** max= 851.3 min= 848.70
4) 40	**10)** 3	**16)** 7/40
5) 16	**11)** 200000	**17)** 20 %
6) 1103	**12)** 3432	**18)** 1 3/10

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Mental Questions - Answers only please

1) -62 **+** (51)=	**2)** -24 ÷ (-3)=	**3)** 12 **x** (8) =
4) -15 **-** (76)=	**5)** ⅔ of 9 =	**6)** 813 - 748 **+** 769 =
7) 0.02 **x** 0.002 =	**8)** 0.018 ÷ 0.003	**9)** 66 - 18 **x** 6 =

Copy and complete the question

10) Evaluate 1^3	**11)** Round to 3 significant figures 3.092	**12)** 53 % of 2400
13) $\dfrac{4}{5} \div \dfrac{5}{7}$	**14)** Calculate the percentage increase when 90 kg is increased to 135 kg	**15)** Calculate the maximum and minimum values of (230 ± 1.2) ml
16) $\dfrac{7}{8} \times \dfrac{2}{5}$	**17)** Calculate the percentage decrease when 80 kg is decreased to 56 kg	**18)** $\dfrac{1}{9} - \dfrac{2}{3}$

Answers

1) -11	**7)** 0.00004	**13)** 1 3/25
2) 8	**8)** 6	**14)** 50 %
3) 96	**9)** -42	**15)** max= 231.2 min= 228.80
4) -91	**10)** 1	**16)** 7/20
5) 6	**11)** 3.09	**17)** 30 %
6) 834	**12)** 1272	**18)** - 5/9

Mental Questions - Answers only please

1) -64 **+** (54)=	**2)** 121 ÷ (11)=	**3)** 11 **x** (4) =
4) 21 **-** (49)=	**5)** ⅘ of 35 =	**6)** 975 **+** 860 **+** 807 =
7) 0.0012 **x** 0.008 =	**8)** 0.03 ÷ 0.3	**9)** 108 **+** 30 **x** 6 =

Copy and complete the question

10) $\sqrt[4]{16}$	**11)** Round to 1 significant figures 77626	**12)** 46 % of 110
13) $\dfrac{3}{4} \div \dfrac{2}{5}$	**14)** Calculate the percentage increase when 40 kg is increased to 48 kg	**15)** Calculate the maximum and minimum values of (700 $\pm$ 4.5) ml
16) $\dfrac{5}{6}$ X $\dfrac{3}{5}$	**17)** Calculate the percentage decrease when 60 kg is decreased to 15 kg	**18)** $\dfrac{1}{2} - \dfrac{1}{2}$

Answers

1)	-10	**7)**	0.0000096	**13)**	1 7/8		
2)	11	**8)**	0.1	**14)**	20 %		
3)	44	**9)**	288	**15)**	max= 704.5 min= 695.50		
4)	-28	**10)**	2	**16)**	1/2		
5)	28	**11)**	80000	**17)**	75 %		
6)	2642	**12)**	50.6	**18)**	0		

Mental Questions - Answers only please

1) -64 **+** (17)=	**2)** -27 ÷ (-9)=	**3)** -3 **x** (4) =
4) 14 **-** (-46)=	**5)** ⅚ of 72 =	**6)** 994 **+** 774 **+** 66 =
7) 0.006 **x** 0.04 =	**8)** 0.022 ÷ 0.2	**9)** 24 **+** 28 **x** 7 =

Copy and complete the question

10) Evaluate
 	
     $2^{\,2}$
	11)
	 Round to 3 significant figures
	
	     0.9429
		12)
		
		    58 % of 4900

13)
 	
    $\dfrac{1}{9} \div \dfrac{1}{7}$
	14) Calculate the percentage
	 increase when 90 kg
	 is increased to 144 kg
		15) Calculate the maximum
		 and minimum values of
		
		   (110 $\pm$ 9.9) ml

16)
 	
    $\dfrac{1}{8}$ X $\dfrac{1}{3}$
	17) Calculate the percentage
	 decrease when 70 kg
	 is decreased to 56 kg
		18)
		
		    $\dfrac{5}{6}$ **-** $\dfrac{1}{7}$

Answers

1)	-47	**7)**	0.00024	**13)**	7/9
2)	3	**8)**	0.11	**14)**	60 %
3)	-12	**9)**	220	**15)**	max= 119.9 min= 100.10
4)	60	**10)**	4	**16)**	1/24
5)	60	**11)**	0.943	**17)**	20 %
6)	1834	**12)**	2842	**18)**	29/42

Mental Questions - Answers only please

1) 60 **+** (-49)=	**2)** -36 **÷** (-6)=	**3)** 6 **x** (7) =
4) 44 **-** (-72)=	**5)** ⅘ of 35 =	**6)** 324 **+** 957 **-** 137 =
7) 0.05 **x** 0.2 =	**8)** 0.006 **÷** 0.005	**9)** 40 **+** 30 **x** 6 =

Copy and complete the question

10) $\sqrt[3]{125}$	**11)** Round to 2 significant figures 295844	**12)** 91 % of 120
13) $\dfrac{1}{7} \div \dfrac{1}{3}$	**14)** Calculate the percentage increase when 70 kg is increased to 119 kg	**15)** Calculate the maximum and minimum values of (780 ± 0.3) ml
16) $\dfrac{3}{4}$ **x** $\dfrac{1}{2}$	**17)** Calculate the percentage decrease when 50 kg is decreased to 20 kg	**18)** $\dfrac{1}{5}$ **+** $\dfrac{2}{3}$

Answers

1) 11	**7)** 0.01	**13)** 3/7
2) 6	**8)** 1.2	**14)** 70 %
3) 42	**9)** 220	**15)** max= 780.3 min= 779.70
4) 116	**10)** 5	**16)** 3/8
5) 28	**11)** 300000	**17)** 60 %
6) 1144	**12)** 109.2	**18)** 13/15

Mental Questions - Answers only please

1) 21 **+** (-30)=	**2)** 25 ÷ (-5)=	**3)** 8 **x** (-5) =
4) -43 **-** (-68)=	**5)** ⅘ of 45 =	**6)** 297 **+** 840 **+** 545 =
7) 0.0006 **x** 0.2 =	**8)** 0.055 ÷ 0.005	**9)** 15 **+** 14 **x** 7 =

Copy and complete the question

10) Evaluate $$6^3$$	**11)** Round to 3 significant figures $$6.8284$$	**12)** $$27 \% \text{ of } 1900$$
13) $$\frac{3}{4} \div \frac{1}{5}$$	**14)** Calculate the percentage increase when 20 kg is increased to 35 kg	**15)** Calculate the maximum and minimum values of $$(\, 600 \, \pm \, 0.2 \,) \, ml$$
16) $$\frac{1}{3} \times \frac{3}{5}$$	**17)** Calculate the percentage decrease when 50 kg is decreased to 20 kg	**18)** $$\frac{1}{3} - \frac{6}{7}$$

Answers

1)	-9	**7)**	0.00012	**13)**	3 3/4
2)	-5	**8)**	11	**14)**	75 %
3)	-40	**9)**	113	**15)**	max= 600.2 min= 599.80
4)	25	**10)**	216	**16)**	1/5
5)	36	**11)**	6.83	**17)**	60 %
6)	1682	**12)**	513	**18)**	- 11/21

Mental Questions - Answers only please

1) 73 **+** (-35)=	**2)** -4 ÷ (4)=	**3)** 8 **x** (-4) =
4) -17 **-** (96)=	**5)** ⅚ of 90 =	**6)** 747 **-** 670 **+** 96 =
7) 0.0008 **x** 0.07 =	**8)** 0.99 ÷ 0.09	**9)** 121 **-** 48 **x** 12 =

Copy and complete the question

10) $\sqrt[4]{16}$	**11)** Round to 1 significant figures 654326	**12)** 83 % of 340
13) $\dfrac{6}{7} \div \dfrac{1}{2}$	**14)** Calculate the percentage increase when 10 kg is increased to 16 kg	**15)** Calculate the maximum and minimum values of (930 ± 9.1) ml
16) $\dfrac{1}{9} \times \dfrac{1}{2}$	**17)** Calculate the percentage decrease when 80 kg is decreased to 16 kg	**18)** $\dfrac{1}{7} + \dfrac{1}{3}$

Answers

1)	38	**7)**	0.000056	**13)**	1 5/7
2)	-1	**8)**	11	**14)**	60 %
3)	-32	**9)**	-455	**15)**	max= 939.1 min= 920.90
4)	-113	**10)**	2	**16)**	1/18
5)	75	**11)**	700000	**17)**	80 %
6)	173	**12)**	282.2	**18)**	10/21

Mental Questions - Answers only please

1) -23 **+** (58)=	**2)** 63 **÷** (9)=	**3)** -4 **x** (3) =
4) 14 **-** (69)=	**5)** ⅚ of 60 =	**6)** 488 **-** 541 **-** 704 =
7) 0.0006 **x** 0.04 =	**8)** 0.0044 **÷** 0.004	**9)** 14 **+** 10 **÷** 2 =

Copy and complete the question

10) Evaluate $$4^4$$	**11)** Round to 1 significant figures 3.0718	**12)** 31 % of 200
13) $$\frac{1}{7} \div \frac{3}{7}$$	**14)** Calculate the percentage increase when 80 kg is increased to 136 kg	**15)** Calculate the maximum and minimum values of (380 **±** 0.1) ml
16) $$\frac{1}{7} \text{ x } \frac{5}{7}$$	**17)** Calculate the percentage decrease when 30 kg is decreased to 12 kg	**18)** $$\frac{1}{8} + \frac{1}{2}$$

Answers

1)	35	**7)**	0.000024	**13)**	1/3
2)	7	**8)**	1.1	**14)**	70 %
3)	-12	**9)**	19	**15)**	max= 380.1 min= 379.90
4)	-55	**10)**	256	**16)**	5/49
5)	50	**11)**	3	**17)**	60 %
6)	-757	**12)**	62	**18)**	5/8

Mental Questions - Answers only please

1) -31 **+** (38)=	**2)** -80 ÷ (-8)=	**3)** 12 **x** (11) =
4) -34 **-** (-95)=	**5)** ¾ of 16 =	**6)** 283 **-** 658 **-** 46 =
7) 0.11 **x** 0.005 =	**8)** 0.0002 ÷ 0.2	**9)** 108 **+** 28 **x** 7 =

Copy and complete the question

10) $$\sqrt[4]{81}$$	**11)** Round to 1 significant figures
	
	     156908
		12)
		
		   34 % of 70

13) $$\frac{1}{2} \div \frac{2}{7}$$	**14)** Calculate the percentage increase when 60 kg is increased to 72 kg	**15)** Calculate the maximum and minimum values of (400 ± 5.6) ml
16) $$\frac{7}{8} \times \frac{5}{7}$$	**17)** Calculate the percentage decrease when 60 kg is decreased to 18 kg	**18)** $$\frac{1}{6} + \frac{1}{2}$$

Answers

1) 7	**7)** 0.00055	**13)** 1 3/4	
2) 10	**8)** 0.001	**14)** 20 %	
3) 132	**9)** 304	**15)** max= 405.6 min= 394.40	
4) 61	**10)** 3	**16)** 5/8	
5) 12	**11)** 200000	**17)** 70 %	
6) -421	**12)** 23.8	**18)** 2/3	

Mental Questions - Answers only please

1) 73 **+** (22)=	**2)** 24 ÷ (-2)=	**3)** -7 **x** (-2) =
4) 31 **-** (95)=	**5)** ⅔ of 33 =	**6)** 431 **-** 455 **+** 261 =
7) 0.009 **x** 0.6 =	**8)** 0.32 ÷ 0.004	**9)** 63 **-** 44 ÷ 11 =

Copy and complete the question

10) Evaluate

$$1^4$$

11) Round to 3 significant figures

2.3224

12) 65 % of 200

13) $\dfrac{1}{7} \div \dfrac{1}{2}$

14) Calculate the percentage increase when 40 kg is increased to 60 kg

15) Calculate the maximum and minimum values of

(730 ± 0.8) ml

16) $\dfrac{1}{2} \times \dfrac{2}{5}$

17) Calculate the percentage decrease when 80 kg is decreased to 64 kg

18) $\dfrac{7}{8} - \dfrac{1}{5}$

Answers

1) 95	**7)** 0.0054	**13)** 2/7
2) -12	**8)** 80	**14)** 50 %
3) 14	**9)** 59	**15)** max= 730.8 min= 729.20
4) -64	**10)** 1	**16)** 1/5
5) 22	**11)** 2.32	**17)** 20 %
6) 237	**12)** 130	**18)** 27/40

Mental Questions - Answers only please

1) 12 **+** (-62)=	**2)** 108 ÷ (-12)=	**3)** 2 **x** (-9) =
4) 26 **-** (-84)=	**5)** ⅚ of 30 =	**6)** 418 **-** 214 **-** 179 =
7) 0.00012 **x** 0.2 =	**8)** 0.45 ÷ 0.005	**9)** 56 **+** 6 **x** 3 =

Copy and complete the question

10)

$$\sqrt[3]{27}$$

11)
Round to 1 significant figures

259639

12)

99 % of 380

13)

$$\frac{1}{5} \div \frac{4}{5}$$

14) Calculate the percentage increase when 30 kg is increased to 37.5 kg

15) Calculate the maximum and minimum values of

(590 ± 7) ml

16)

$$\frac{6}{7} \times \frac{1}{2}$$

17) Calculate the percentage decrease when 90 kg is decreased to 18 kg

18)

$$\frac{1}{3} - \frac{5}{7}$$

Answers

1) -50	**7)** 0.000024	**13)** 1/4
2) -9	**8)** 90	**14)** 25 %
3) -18	**9)** 74	**15)** max= 597 min= 583.00
4) 110	**10)** 3	**16)** 3/7
5) 25	**11)** 300000	**17)** 80 %
6) 25	**12)** 376.2	**18)** - 8/21

Mental Questions - Answers only please

1) -74 **+** (-24)=	**2)** 48 ÷ (8)=	**3)** 11 **x** (-7) =
4) 34 **-** (77)=	**5)** ⅘ of 65 =	**6)** 135 **-** 144 **-** 361 =
7) 0.007 **x** 0.6 =	**8)** 0.45 ÷ 0.009	**9)** 21 **+** 48 **x** 12 =

Copy and complete the question

10) Evaluate $$6^2$$	**11)** Round to 1 significant figures $$9.9867$$	**12)** $$73 \text{ % of } 300$$
13) $$\frac{1}{3} \div \frac{6}{7}$$	**14)** Calculate the percentage increase when 30 kg is increased to 33 kg	**15)** Calculate the maximum and minimum values of $$(180 \pm 6.2) \text{ ml}$$
16) $$\frac{7}{8} \text{ x } \frac{1}{5}$$	**17)** Calculate the percentage decrease when 80 kg is decreased to 64 kg	**18)** $$\frac{1}{4} + \frac{1}{3}$$

Answers

1)	-98	**7)**	0.0042	**13)**	7/18
2)	6	**8)**	50	**14)**	10 %
3)	-77	**9)**	597	**15)**	max= 186.2 min= 173.80
4)	-43	**10)**	36	**16)**	7/40
5)	52	**11)**	10	**17)**	20 %
6)	-370	**12)**	219	**18)**	7/12

Mental Questions - Answers only please

1) 68 **+** (40)=	**2)** 60 **÷** (6)=	**3)** 10 **x** (-3) =
4) 25 **-** (56)=	**5)** ⅔ of 15 =	**6)** 362 **+** 209 **-** 959 =
7) 0.00002 **x** 0.09 =	**8)** 0.048 **÷** 0.008	**9)** 24 **-** 28 **÷** 7 =

Copy and complete the question

10)

$$\sqrt[3]{64}$$

11)
Round to   3   significant figures

     788691

12)

     93   % of   3800

13)

$$\frac{8}{9} \div \frac{3}{5}$$

14) Calculate the percentage increase when   90   kg is increased to   135   kg

15)   Calculate the maximum and minimum values of

   (910   ±   2.4   )   ml

16)

$$\frac{5}{6} \times \frac{4}{5}$$

17) Calculate the percentage decrease when   30   kg is decreased to   22.5   kg

18)

$$\frac{8}{9} + \frac{2}{5}$$

Answers

1) 108	**7)** 0.0000018	**13)** 1 13/27
2) 10	**8)** 6	**14)** 50 %
3) -30	**9)** 20	**15)** max= 912.4 min= 907.60
4) -31	**10)** 4	**16)** 2/3
5) 10	**11)** 789000	**17)** 25 %
6) -388	**12)** 3534	**18)** 1 13/45

Mental Questions - Answers only please

1) -31 **+** (23)=	**2)** -18 ÷ (-3)=	**3)** -2 **x** (-5) =
4) -46 **-** (-60)=	**5)** ⅔ of 21 =	**6)** 902 **+** 41 **-** 416 =
7) 0.0012 **x** 0.4 =	**8)** 0.21 ÷ 0.3	**9)** 6 **+** 16 ÷ 8 =

Copy and complete the question

10) Evaluate
 	
     3^4
	11)
	 Round to 3 significant figures
	
	     6.9955
		12)
		
		    33 % of 4700

13) $\dfrac{1}{2} \div \dfrac{1}{2}$	**14)** Calculate the percentage increase when 90 kg is increased to 158 kg	**15)** Calculate the maximum and minimum values of (390 ± 9.1) ml
16) $\dfrac{7}{8}$ X $\dfrac{1}{2}$	**17)** Calculate the percentage decrease when 40 kg is decreased to 24 kg	**18)** $\dfrac{1}{8}$ **+** $\dfrac{1}{2}$

Answers

1)	-8	**7)**	0.00048	**13)**	1			
2)	6	**8)**	0.7	**14)**	75 %			
3)	10	**9)**	8	**15)**	max= 399.1 min= 380.90			
4)	14	**10)**	81	**16)**	7/16			
5)	14	**11)**	7	**17)**	40 %			
6)	527	**12)**	1551	**18)**	5/8			

Mental Questions - Answers only please

1) 81 **+** (46)=	**2)** -88 ÷ (8)=	**3)** 9 **x** (-9) =
4) -15 **-** (72)=	**5)** ⅚ of 66 =	**6)** 394 - 99 **+** 761 =
7) 0.0009 **x** 0.008 =	**8)** 0.00003 ÷ 0.01	**9)** 14 - 16 ÷ 4 =

Copy and complete the question

10) $^4\sqrt{256}$	**11)** Round to 2 significant figures 341261	**12)** 65 % of 390
13) $\dfrac{6}{7} \div \dfrac{3}{5}$	**14)** Calculate the percentage increase when 80 kg is increased to 88 kg	**15)** Calculate the maximum and minimum values of (190 ± 1) ml
16) $\dfrac{4}{5}$ X $\dfrac{1}{3}$	**17)** Calculate the percentage decrease when 80 kg is decreased to 40 kg	**18)** $\dfrac{1}{3}$ - $\dfrac{2}{5}$

Answers

1)	127	**7)**	0.0000072	**13)**	1 3/7
2)	-11	**8)**	0.003	**14)**	10 %
3)	-81	**9)**	10	**15)**	max= 191 min= 189.00
4)	-87	**10)**	4	**16)**	4/15
5)	55	**11)**	340000	**17)**	50 %
6)	1056	**12)**	253.5	**18)**	- 1/15

Mental Questions - Answers only please

1) 56 **+** (49)=	**2)** 30 ÷ (-10)=	**3)** 11 **x** (10) =
4) 49 - (-77)=	**5)** ⅔ of 9 =	**6)** 823 **+** 356 **+** 765 =
7) 0.0001 **x** 0.02 =	**8)** 0.042 ÷ 0.07	**9)** 18 - 16 ÷ 8 =

Copy and complete the question

10) Evaluate $$4^3$$	**11)** Round to 3 significant figures 0.7303	**12)** 51 % of 190
13) $$\frac{1}{7} \div \frac{6}{7}$$	**14)** Calculate the percentage increase when 10 kg is increased to 16 kg	**15)** Calculate the maximum and minimum values of (670 ± 1.3) ml
16) $$\frac{3}{4} \ \text{X} \ \frac{2}{3}$$	**17)** Calculate the percentage decrease when 90 kg is decreased to 72 kg	**18)** $$\frac{6}{7} \ - \ \frac{1}{3}$$

Answers

1)	105	**7)**	0.000002	**13)**	1/6
2)	-3	**8)**	0.6	**14)**	60 %
3)	110	**9)**	16	**15)**	max= 671.3 min= 668.70
4)	126	**10)**	64	**16)**	1/2
5)	6	**11)**	0.73	**17)**	20 %
6)	1944	**12)**	96.9	**18)**	11/21