Lesmahagow High School

Daily Homework Booklet

Ex 1   Monday

1. 43 + 24
2. 59 - 35
3. 143 + 254
4. 143 - 28
5. 274 - 82

Ex 2   Tuesday

1. 52 + 31
2. 78 - 16
3. 223 + 176
4. 157 - 38
5. 853 - 71

Ex 3   Wednesday

1. 25.75 + 123.896
2. 25.68 – 14.86
3. 125.98 × 8
4. 511.482 ÷ 6
5. 30^2
6. $\sqrt{49}$
7. 9 × 6 -100 ÷ 4 + 1
8. 0.123 × 700
9. 10180 ÷ 400
10. $6^2 + 8^2$

Ex 4   Thursday

1. 25.75 + 123.896
2. 25.68 – 14.86
3. 85.7 × 9
4. 0.1435 ÷ 5
5. 40^2
6. $\sqrt{400}$
7. (7 + 3) × (9 – 1) - 78
8. 3.15 × 70
9. 3982.4 ÷ 80
10. $8^2 + \sqrt{64}$

Ex 1   Monday

1. Round to the nearest 10:

    (a) 78

    (b) 716

    (c) 7351

2. Round to the nearest 100:

    (a) 534

    (b) 5607

Ex 2   Tuesday

1. Round to the nearest 10:

    (a) 23

    (b) 833

    (c) 2907

2. Round to the nearest 100:

    (a) 971

    (b) 216

Ex 3   Wednesday

1. Round each number to 1 decimal place: a) 101.66   b) 99.91

2. Round each number to 2 decimal places: a) 822.228   b) 6.54654

3. Round each number to 3 decimal places: a) 0.0999   b) 700.0457

4. Round each number to nearest 10 figure: a) 781   b) 452489

5. Round each number to nearest 100 figures: a) 3609   b) 45939

Ex 4   Thursday

1. Round each number to 1 decimal place: a) 10.03   b) 99.99

2. Round each number to 2 decimal places: a) 0.003   b) 900.666

3. Round each number to 3 decimal places: a) 3.48585   b) 0.1395

4. Round each number to nearest 10 figure: a) 4536   b) 25473

5. Round each number to nearest 100 figures: a) 2184   b) 25023

Monday   Ex 1

1. Change the following to 24 hour clock times:

    (a) 8.40 am   (b) 3.30 pm

    (c) 5.45 am   (d) Noon

2. How long is it from:

    (a) 2.10 pm to 6.10 pm

    (b) Midday to 5.30 pm

Tuesday   Ex 2

1. Change the following to 24 hour clock times:

    (a) 12.20 pm   (b) 11.30 pm

    (c) Midnight   (d) 2.01 am

2. How long is it from:

    (a) 7.45 am to 11.15 pm

    (b) 10.00 am to 12.15 am

Ex 3   Wednesday

1. Change the following to 24 hour clock times
    a) 8.55am   b) 11.59pm

2. Change the following to 12 hour clock times
    a) 0105   b) 2355

3. What time is it
    a) 1 hour 20 minutes after 1130
    b) 5 hours 35 minutes before 12.00am

4. A plane leaves London at 0520 and arrives in Cyprus at 1045. How long did the journey take?

Ex 4   Thursday

1. Change the following to 24 hour clock times
    a) 12.20am   b) 1.35am

2. Change the following to 12 hour clock times
    a) 0650   b) 1215

3. What time is it
    a) 4 hours 50 minutes before 1305
    b) 2 hours 55 minutes before 1.15am

4. A plane leaves Edinburgh at 2310 and arrives in Portugal at 0335. How long did the journey take?

Monday   Ex 1

1. Round to 1 decimal place:

   (a) 1.23   (b) 4.57   (c) 6.55

2. 3.5 + 3.24

3. 5.4 – 3.6

Tuesday   Ex 2

1. Round to 1 decimal place:

   (a) 2.681   (b) 3.227   (c) 1.449

2. 12.4 + 1.75

3. 33 + 3.55

EX 3   Wednesday

1. List the prime numbers between 80 and 100

2. Find 65% of £40

3. $9^2 - 8^2$

4. $\sqrt{100} - \sqrt{81}$

5. An item costing £56 is in a sale with 15% off. What is the item's sale price?

6. What is the lowest common multiple of 8 and 12?

7. Find the HCF of 9 and 12.

EX 4   Thursday

1. List the prime numbers between 10 and 40

2. Find 85% of £50

3. $12^2 - 7^2$

4. $\sqrt{121} - \sqrt{1}$

5. An item costing £450 is in a sale with 25% off. What is the item's sale price?

6. What is the lowest common multiple of 10 and 15?

7. Find the HCF of 30 and 12.

Monday   <u>Ex 1</u>

1. $3x = 12$
2. $9x = 72$
3. $12x = 24$
4. 3.24×100
5. 0.7×1000
6. $64.5 \div 100$

Tuesday   <u>Ex 2</u>

1. $2x = 204$
2. $4x = 80$
3. $8x = 56$
4. 6.38×100
5. 1.3×1000
6. $34.2 \div 100$

<u>Ex 3</u>   Wednesday

1. $14.8 + 2.6$
2. $13.5 + 7.8$
3. $74.89 - 11.5$
4. 6.98×4
5. 72.9×8
6. a) $1 - 6$ b) $-2 - (-2)$ c) $-8 + (-7)$
7. a) $5y - 12y$ b) $7y - 8x - 9y - 5x$
8. Write $33\frac{1}{3}$ % as a fraction and as a decimal.
9. Solve $9x - 2 = 3x + 34$

<u>Ex 4</u>   Thursday

1. $32.56 + 21.6$
2. $2.45 + 1.65$
3. $82.57 - 10.61$
4. 1.36×9
5. 87.21×7
6. a) $-5 - 10$ b) $2 - (-9)$ c) $-5 + (-7)$
7. a) $-3m - 8m$ b) $-6p - 3r + (-3r)$
8. Write 66 % as a fraction and as a decimal.
9. Solve $4x + 6 = 2x + 14$

Monday   Ex 1

1. Cn a set of coordinate
   axes plot the points
   A(3, 2)   B(4,6)   C(5,1)

2. Calculate
   a) 4 - 5   b) -3 + 6

Tuesday   Ex 2

1. Cn a set of coordinate axes
   plot the points
   A(7, 6)   B(4, 0)   C(0, 1)

2. Calculate
   a) -7 + 5   b) -4 – 9

Ex 3   Wednesday

1. On a set of coordinate axes
   plot the points
   A(3, -5)   B(-2, -4)   C(-6, 1)

2. What temperature is
   a) 1° above -6°C
   b) 7° below -7 °C

3. Maria's online bank account
   shows that she has £52.50.
   She buys a top for £12.50 and
   pays £38.50 for messages.
   What balance will she have now?

4. Calculate
   a) 21 – 21   b) -3 -6
   c) -45 + 38   d) -14 + 14

Ex 4   Thursday

1. On a set of coordinate axes
   plot the points
   A(-7, 7)   B(-4, 0)   C(0, -5)

2. What temperature is
   a) 5° above – 16°C
   b) 13° below -8°C

3. Mark's balance last week was
   -£38. He used his debit card for
   £70 on the same day as his pay
   of £400 was paid into his bank.
   What was his new balance?

4. Calculate
   a) -2 -3 + 5   b) -7 – 3 + 2
   c) 2 + 7 – 9   d) -2 + 3 - 5

Monday   Ex 1

1. 3.5×10
2. 4.67×10
3. 10×0.03
4. 6.72×100
5. 100×0.654

Tuesday   Ex 2

1. 4.1×10
2. 6.78×10
3. 10×0.25
4. 13.64×100
5. 6.47×1000

Ex 3   Wednesday

1. Calculate
   a) $7 + (-11)$ b) $-3 + (-4)$
   c) $-8 + (-5)$ d) $2 - (-16)$
   e) $-4 - (-1)$ f) $-9 - (-17)$

2. Calculate
   a) 20% of £375
   b) 75% of £624

3. Write each percentage as a
   fraction and a decimal
   a) 17.5%   b) 1%

4. Calculate
   a) $(-45) \times (-2)$ b) $(-13) \times (-3)$
   c) $(-12) \times 5$ d) $(-48) \div 16$
   e) $(-120) \div (-10)$ f) $(144) \div (-12)$

Ex 4   Thursday

1. Calculate
   a) $25 + (-45)$ b) $-14 + (-22)$
   c) $-38 - (-15)$ d) $-12 - (-30)$
   e) $6 -1 - (-3)$ f) $-8 - (-8) + (-8)$

2. Calculate
   a) 80% of £540
   b) 33 % of £156

3. Write each percentage as a
   fraction and a decimal
   a) 12.5%   b) 99%

4. Calculate
   a) $(-40) \times (-20)$ b) $(-555) \div (-5)$
   c) $4 \times (-2) \times 3$ d) $(-99) \div (-9)$
   e) $(-8) \times 4 \div (-2)$ f) $(-4) \times (-4) \div 4$

Monday   Ex 1

1. $18.1 \div 10$
2. $17.32 \div 10$
3. $10.3 \div 10$
4. $27.9 \div 100$
5. $9.7 \div 100$
6. $0.4 \div 100$
7. $4578.3 \div 1000$
8. $500 \div 1000$

Tuesday   Ex 2

1. $12.8 \div 10$
2. $87.65 \div 10$
3. $46.5 \div 10$
4. $54.89 \div 100$
5. $4.5 \div 100$
6. $0.2 \div 100$
7. $46\ 874 \div 1000$
8. $200 \div 1000$

Ex 3   Wednesday

1. $20.03 \div 10$
2. 35% of £48
3. $781.36 \div 10$
4. Find   of £90
5. $7.1 \div 100$
6. 12% of £45
7. $4\ 958\ 710 \div 1000$
8. $13\ 600 \div 1000$
9. There are 1000 metres in 1 kilometre. How many kilometres are there in 4600 metres?

Ex 4   Thursday

1. $5.95 \div 10$
2. 55% of £80
3. $0.079 \div 10$
4. Find   of £80
5. $17.04 \div 100$
6. 12.5% of £60
7. $7984 \div 1000$
8. $5100 \div 1000$
9. There are 1000 metres in 1 kilometre. How many kilometres are there in 3007 metres?

Monday   Ex 1

Find the area AND perimeter of the following rectangles:

1. Length, L = 5m, breadth, B = 8m

2. Length, L = 24m, breadth, B = 10m

3. Length, L = 9.2m, breadth, B = 6m

Tuesday   Ex 2

Find the area AND perimeter of the following rectangles:

1. Length, L = 4m, breadth, B = 7m

2. Length, L = 19m, breadth, B = 100m

3. Length, L = 3.4m, breadth, B = 7m

Ex 3   Wednesday

Find the area AND perimeter of the following rectangles:

1. Length, L = 3m, breadth, B = 8m

2. Length, L = 9m, breadth, B = 300m

3. Length, L = 8.9m, breadth, B = 8m

4. Length, L = 4.78m, breadth, B = 4m

5. A cuboid has L = 5cm, B = 70cm and H = 50cm. Calculate the volume.

6. A cuboid has L = 73cm, B = 40cm and H = 80cm. Calculate the volume.

7. A cuboid has volume 76 000cm^3. Convert this to litres.

8. A cuboid has volume 180 000cm^3. Convert this to litres.

Ex 4   Thursday

Find the area AND perimeter of the following rectangles:

1. Length, L = 7m, breadth, B = 9m

2. Length, L = 12m, breadth, B = 400m

3. Length, L = 7.9m, breadth, B = 9m

4. Length, L = 7.97m, breadth, B = 8m

5. A cuboid has L = 2cm, B = 40cm and H = 30cm. Calculate the volume.

6. A cuboid has L = 84cm, B = 70cm and H = 30cm. Calculate the volume.

7. A cuboid has volume 49 000cm^3. Convert this to litres.

8. A cuboid has volume 890 000cm^3. Convert this to litres.

@HS

Ex 1   Monday

1. Calculate the volume of a cuboid of length 6cm, breadth 2cm and height 4cm.

2. Change the following ml to litres
    a) 1000 ml   b) 5000 ml

3. If a cuboid has volume 480cm^3 how many millilitres of liquid will it hold?

Ex 2   Tuesday

1. Calculate the volume of a cuboid of length 15cm, breadth 7cm and height 5cm.

2. Change the following ml to litres
    a) 12000 ml   b) 25000 ml

3. If a cube has volume 8900cm^3 how many millilitres of liquid will it hold?

Ex 3   Wednesday

1. Calculate the volume of a cube of length 3cm.

2. Change the following ml to litres
    a) 1400 ml   b) 300 ml

3. If a cuboid has volume 16000cm^3 how many litres of liquid will it hold?

4. Change the following measurements into centimetres:

a) 3 mm   b) 4.2 mm

c) 8 m   d) 9 km

Ex 4   Thursday

1. Calculate the volume of a cube of height 9cm.

2. Change the following ml to litres
    a) 372500 ml   b) 13 ml

3. If a cube has volume 200cm^3 how many millilitres of liquid will it hold?

4. Change the following measurements into centimetres:

a) 1.6 mm   b) 0.76 m

c) 9.371 km d) 23.8 m

Monday Ex 1

1. 7.65 × 9
2. 4.2 × 10
3. 76.51 × 100
4. 12.5874 × 1000
5. Round to 1 decimal place:

   (a) 7.42   (b) 34.475

   (c) 67.35   (d) 19.99

Tuesday Ex 2

1. 8.35 × 9
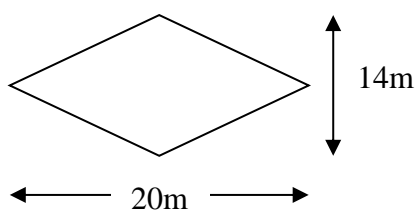2. 14.9 × 10
3. 37.52 × 100
4. 13.1111 × 1000
5. Round to 1 decimal place:
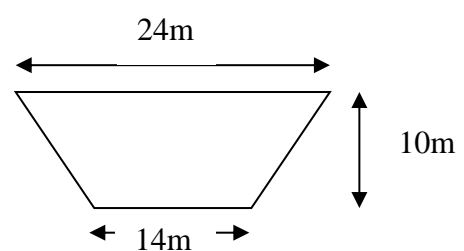
   (a) 0.556   (b) 94.485

   (c) 167.355   (d) 99.96

Ex 3 Wednesday

1. Simplify: (a) $\frac{4}{14}$ (b) $\frac{10}{60}$

2. Find   of £39823

3. Solve   (a) 2x = x + 8

           (b) 3x – 4 = x + 12

4. Find the area of this Rhombus

14m

20m

Ex 4 Thursday

1. Simplify: (a) $\frac{14}{28}$ (b) $\frac{39}{52}$

2. Find   of £7952

3. Solve   (a) 5x = 2x + 12

           (b) -2x – 3 = 2x + 9

4. Find the area of this Trapezium

24m

10m

14m

Monday   Ex 1

1. Round 4.56 to 1 decimal place.

2. Round 17.3856 to 2 decimal places.

3. Find the time from 2.35 pm to 7.20 pm.

4. A film starts at 3.45 pm and lasts for 3 hours 20 minutes. When will it finish?

5. Find the time from 0950 hrs to 2115 hrs.

Tuesday   Ex 2

1. Round 8.25 to 1 decimal place.

2. Round 7.9017 to 2 decimal places.

3. Find the time from 6.55 am to 1.30 pm.

4. A film starts at 4.45 pm and lasts for 1 hours 15 minutes. When will it finish?

5. Find the time from 1125 hrs to 1455 hrs.

Ex 3   Wednesday

1. Change these times to hours (and decimal parts of an hour):
   a) 4 hours 15 minutes
   b) 1 hour 45 minutes

2. Find the average speed of a car travelling 125m in 5 seconds.

3. Calculate the distance travelled by a man walking at 4mph for 1 hour 45 minutes.

4. Change these times to hours and minutes
   a) 3.75 hours   b) 5.25 hours

5. Calculate the time taken for a bus to travel 156km at 12km/h

Ex 4   Thursday

1. Change these times to hours (and decimal parts of an hour):
   a) 7 hours 15 minutes
   b) 9 hour 45 minutes

2. Find the average speed of a train moving 220km in 1 hour 15 minutes

3. Calculate the distance travelled by a plane flying at 440mph for 5 hour 15 minutes.

4. Change these times to hours and minutes
   a) 2.25 hours   b) 9.75 hours

5. Calculate the time taken for a car to travel 1410km at 235km/h

Monday   Ex 1

1. 6.45×10

2. $54.77 \div 10$

3. 3256.3×100

4. $78.54 \div 100$

5. Find the time between 6.55 pm and 9.45 pm.

6. A film starts at 10.35 am and lasts for 2 hours. When will it end?

Tuesday   Ex 2

1. 2.98×10

2. $8.796 \div 10$

3. 5.0047×100

4. $10.596 \div 100$

5. Find the time between 5.45 am and 5.20 pm.

6. A film starts at 4.40 pm and lasts for 2 hours 5 mins. When will it end?

Ex 3   Wednesday

1. 1.4×10

2. $9.66 \div 10$

3. 10×0.37

4. $18.02 \div 100$

5. 100×4.57

6. 0.389×100

7. 0.0001×1000

8. 1000×13.795

9. $0.0301 \div 1000$

10. A can of tomatoes weighs 0.4 kg. What is the weight of 1000 cans?

Ex 4   Thursday

1. 7.8×10

2. $3.74 \div 10$

3. 10×0.52

4. 18.77×100

5. 100×0.095

6. $0.03004 \div 100$

7. 6.802×1000

8. 1000×2.00603

9. $7.00012 \div 1000$

10. A jar of sweets weighs 1.02 kg. What is the weight of 20 jars?

Monday   <u>Ex 1</u>

1. 25.75 + 123.896
2. 25.68 – 14.86
3. 4.58 × 6
4. 832 ÷ 8
5. 8^2
6. 1800 ÷ 900

Tuesday   <u>Ex 2</u>

1. 178.3 + 25.69
2. 1258.34 – 258.7
3. 12.58 × 4
4. 672 ÷ 6
5. 7^2
6. 0.095 × 800

<u>Ex 3</u>   Wednesday

1. (a) $1\frac{1}{9} + 1\frac{1}{4}$ (b) $2\frac{1}{3} - 1\frac{4}{7}$

2. (a) $4\frac{1}{3} - 2\frac{2}{3}$ (b) $\frac{5}{9} + 1\frac{2}{3}$

3. 102.5 – 36.7

4. Simplify (a) $\frac{40}{50}$ (b) $\frac{13}{54}$

5. Solve: 3x + 7 = 28

<u>Ex 4</u>   Thursday

1. (a) $5\frac{1}{2} + 1\frac{1}{3}$ (b) $2\frac{1}{6} - \frac{2}{3}$

2. (a) $6\frac{1}{4} - 3\frac{1}{3}$ (b) $\frac{1}{9} + 2\frac{2}{4}$

3. 85.96 – 6.6

4. Simplify (a) $\frac{18}{42}$ (b) $\frac{9}{27}$

5. Solve: 2x + 9 = 35

Monday   Ex 1

1. Simplify: (a) $\dfrac{5}{20}$

              (b) $\dfrac{6}{18}$

              (c) $\dfrac{25}{55}$

2. Find the following:

   (a) $\dfrac{1}{4}$ of £3016

   (b) $\dfrac{1}{5}$ of £21 075

Tuesday   Ex 2

1. Simplify: (a) $\dfrac{13}{26}$

              (b) $\dfrac{16}{24}$

              (c) $\dfrac{26}{44}$

2. Find the following:

   (a) $\dfrac{1}{4}$ of £8 724

   (b) $\dfrac{1}{5}$ of £45 500

Ex 3   Wednesday

1. Find $66\frac{2}{3}\%$ of £90

2. A game costing £48 is reduced in a sale by 40%. What is the sale price?

3. Write each decimal as a fraction:
   a) 0.5   b) 0.4   c) 0.53   d) 0.9

4. Write 15% as a fraction and a decimal

5. If it rained for 166 days in 2017, write this as a fraction of the total days that year.

Ex 4   Thursday

1. Find 20% of £24

2. A TV has increased in price by 30%, it did cost £400, what is the new cost?

3. Write each decimal as a fraction:
   a) 0.7   b) 0.75   c) 0.77   d) 7.7

4. Write 90% as a fraction and a decimal

5. What fraction of the months of the year have exactly 30 days?

Monday   Ex 1

1. What is the compliment of 42°

2. What is the supplement of 136°

3. Round 789 to the nearest 10.

4. Draw an obtuse angle.

5. If an angle measures 34°, what type of angle is it?
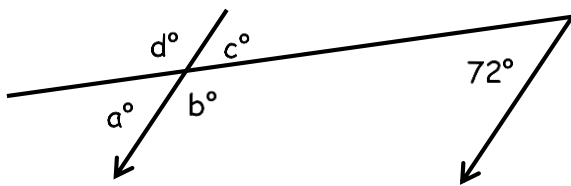
Tuesday   Ex 2

1. What is the compliment of 37°

2. What is the supplement of 102°

3. Round 914 to the nearest 10.

4. Draw a right angle.
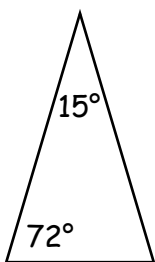
5. If an angle measures 146°, what type of angle is it?

Ex 3   Wednesday
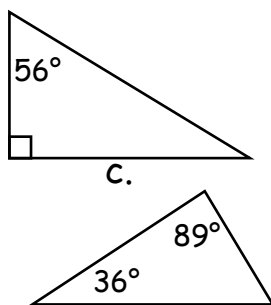
1. What type of angle is 90°?

2. Find the missing angles:

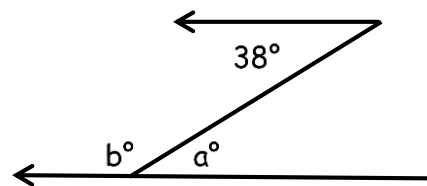3. Calculate the missing angles in these triangles:

a.   b.
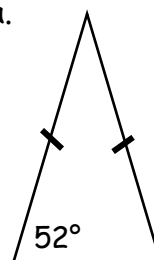

Ex 4   Thursday

1. What type of angle is 294°?

2. Find the missing angles:
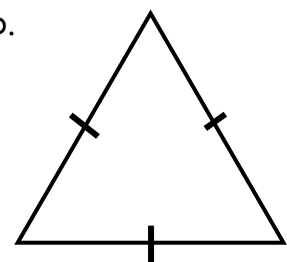

3. Calculate the missing angles in these triangles:

a.   b.

Monday   Ex 1

1. A rectangle has length, L = 9m, and breadth, B = 8m. Calculate its area.

2. $32 - 2 \times 7$

3. $3 \times 5 - 3$

Solve the equations:

4. $r - 13 = 30$

5. $2p = 42$

6. $y + 5 = 19$

Tuesday   Ex 2

1. A rectangle has length, L = 11m, and breadth, B = 10m. Calculate its area.

2. $81 - 5 \times 3$

3. $21 + 4 \times 5$

Solve the equations:

4. $e - 23 = 62$

5. $7y = 56$

6. $u - 13 = 71$

Ex 3   Wednesday

1a) $-3 - (-5)$ b) $4 + (-1)$ c) $-30 \div 5$

2) Find 15% of 370kg

3) Solve: a) $6j - 8 = 4j - 20$
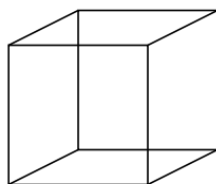
          b) $9h - 120 = -h + 10$

4) Simplify: a) $-5e + 3f - (-3e) + 2f$

          b) $9(2n + 3) + 5$

5) Find the volume of this cube:

Length = 4mm

Ex 4   Thursday

1a) $-8 - 6$ b) $-15 \div 3$ c) $20 \div (-5)$

2) Find 70% of 1200g
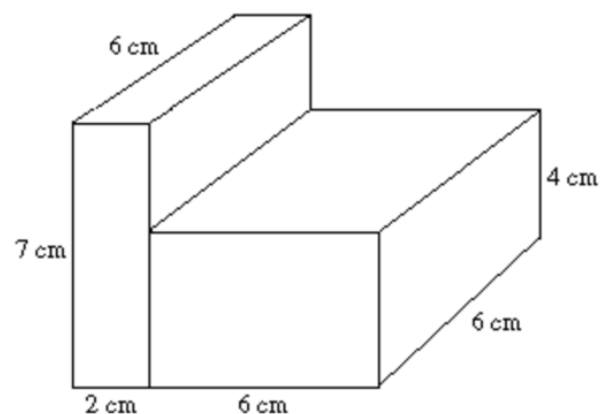
3) Solve: a) $21x + 8 = 9x + 68$

          b) $a - 3 = 7a + 15$

4) Simplify: a) $-7x - 4y - 7y + 2z$

          b) $19p + 3(p + 5)$

5) Find the total volume of this object:

Daily Homework

@HS   **Week 18**

Monday Ex 1

Find the following:

1. 30% of £210
2. 7% of £400
3. 75% of £784
4. Change to millimetres:

(a) 4cm   (b) 17cm   (c) 2m

Tuesday Ex 2

Find the following:

1. 20% of £475
2. 3% of £800
3. 25% of £528
4. Change to millimetres:

(a) 6cm   (b) 18cm   (c) 0.5m

Ex 3   Wednesday

1. Solve 4 + 3x = -5
2. Find 12% of £40
3. $\frac{3}{4} + \frac{1}{2} - \frac{5}{6}$
4. Find the following:

(a) $\frac{2}{3}$ of £3294

(b) $\frac{5}{7}$ of £352 142

(c) $\frac{5}{9}$ of £50 463

(d) $\frac{7}{10}$ of £890 000

Ex 4   Thursday

1. Solve 5x + 7 = 2x + 25
2. Find 12.5% of £80
3. $\frac{3}{5} - \frac{5}{8} + \frac{12}{20}$
4. Find the following:

(a) $\frac{2}{7}$ of £39 823

(b) $\frac{3}{5}$ of £284 975

(c) $\frac{5}{6}$ of £35 322

(d) $\frac{7}{10}$ of £557 000

<u>Monday</u>   <u>Ex 1</u>

1. 77 x 9
2. 8 x 244
3. 4 x 3 543
4. 84 ÷ 6
5. 763 ÷ 7

<u>Tuesday</u>   <u>Ex 2</u>

1. 69 x 7
2. 5 x 336
3. 3 x 4 768
4. 794 ÷ 2
5. 3 785 ÷ 5

<u>Ex 3</u>   Wednesday

1. Write down the first two equivalent fractions for: (a) $\frac{4}{7}$ (b) $\frac{2}{9}$

2. Simplify these fractions
   (a) $\frac{3}{24}$ (b) $\frac{25}{60}$

3. Write as a mixed number:
   (a) $\frac{23}{2}$ (b) $\frac{33}{4}$

4. Change to a top heavy fraction:
   (a) $6\frac{4}{9}$ (b) 8

5. (a) $\quad + \frac{2}{5}$ (b) 2 - 1

<u>Ex 4</u>   Thursday

1. Write down the first two equivalent fractions for: (a) $\frac{5}{6}$ (b) $\frac{7}{8}$

2. Simplify these fractions
   (a) $\frac{30}{36}$ (b) $\frac{72}{81}$

3. Write as a mixed number:
   (a) $\frac{41}{6}$ (b) $\frac{31}{9}$

4. Change to a top heavy fraction:
   (a) $7\frac{2}{5}$ (b) $3\frac{6}{7}$

5. (a) $3\frac{5}{6} + 5$ (b) 5 - 2

Monday   Ex 1

1. 25% of £816
2. 75% of £136
3. 10% of £270
4. 20% of £350
5. 30% of £260

Tuesday   Ex 2

1. 25% of £840
2. 75% of £968
3. $33\frac{1}{3}$ % of £1560
4. 10% of £730
5. 40% of £380

Ex 3   Wednesday

1. 45.8 x 2
2. $3x^2 - 6x^2 + 10x^2$
3. $4t^3 + 3t^3 - t^3$
4. A packet of gums weighs 125.8 g. What is the weight of 8 packets?
5. 302.04 ÷ 3
6. Find $\frac{6}{7}$ of £56
7. What angle is the complement of 67°
8. Find 17% of £60
9. Round 4.568 to 1 decimal place

Ex 4   Thursday

1. 20.03 x 3
2. $-2x^2 - 6x^2 + 8x^2$
3. $4x^3 - 2x + x^2 + 2x^3 + 6x + 3x^2$
4. A packet of gums weighs 54.3 g. What is the weight of 7 packets?
5. 145.8 ÷ 6
6. Find $\frac{5}{4}$ of £80
7. What angle is the supplement of 138°
8. Find 27% of £40
9. Round 123.5299 to 2 decimal places

Monday	Ex 1

1. Round each number to 1 decimal place: a) 23.424 b) 1.85
2. Round to 2 decimal places: 3.658
3. Round to nearest 10: 8 122
4. Round to nearest 100: 4 673

Tuesday	Ex 2

1. Round each number to 1 decimal place: a) 34.69 b) 92
2. Round to 2 decimal places: 6.369
3. Round to nearest 10: 458
4. Round to nearest 100: 4 555

Ex 3   Wednesday

Solve these equations for x:

1. $x + 14 = 10$
2. $x - 23 = 12$
3. $8x = 48$
4. $-x = 9$
5. $6x + 4 = 40$
6. $11x - 3 = 41$
7. $9x = 5x + 20$
8. $-x = 3x - 28$
9. $6x + 10 = x + 45$

Ex 4   Thursday

Solve these equations for x:

1. $x + 30 = 90$
2. $x - 43 = 9$
3. $12x = 72$
4. $-2x = 7$
5. $-2x + 6 = 10$
6. $22x - 3 = -47$
7. $10x = 6x - 8$
8. $-3x = 2x - 30$
9. $12x - 20 = 10x + 26$

<u>Monday</u>   <u>Ex 1</u>

Solve the equations to find the value of x:

1. x + 6 = 12

2. x – 10 = 11

3. x + 11 = 32

4. x – 7 = 8

5. 2x = 8

<u>Tuesday</u>   <u>Ex 2</u>

Solve the equations to find the value of the letter:

1. 8 + a = 25

2. b - 11 = 65

3. c – 3 = 10

4. 19 + d = 20

5. 4g = 16

<u>Ex 3</u>   Wednesday

1. Simplify

   a) 12x + 5 - 11x   b) 8p + 9q – 2p + 3q

2. Solve the equations:

   a) $2x - 5 = 29$ b) $12x + 2 = 38$

   c) $4x = x + 15$ d) $6x - 1 = 2$

3. Given x=3, y=1 and z=7, calculate the value of:

   a) x + 2y +z   b) 6z – x

   c) z² - xy d) $\sqrt{(4z - x)}$

<u>Ex 4</u>   Thursday

1. Simplify

   a) 7d + 7c + 7c – 7y   b) 2v – v + 2

2. Solve the equations:

   a) $4x + 7 = 47$ b) $6x - 3 = 51$

   c) $9x = 3x + 42$ d) $10x - 4 = 1$

3. Given a=6, b=2 and c=9, calculate the value of:

   a) a + c – b   b) bc – a

   c) c² + a²   d) $\sqrt{(4a - b + 3c)}$