Master Your 11+ Maths the Fun Way!

Boost your skills with exciting quizzes and exercises ✨

TestLife 11+

📚 Mixed Maths Worksheets

Pack-1
"Solve, learn, and have fun!"

TestLife 11+ Mixed Maths Test 1

1. $(6 \times 10^3) + 9 =$

   _____.

2. $\dfrac{5}{6} + \dfrac{1}{12} + 1 =$

   _____.

3. 120 - (7 × 8)=   _____.

4. 0.094 ℓ = _____ ml

5. (4.86 × 5) =   _____.

6. £34 ÷ 100 = _____ p

7. 720 g + 0.4 kg = _____ kg

8. $\dfrac{1}{25} \times 100 =$

   _____ %

9. 3 h 12 min + 1 h 48 min = _____ h _____ min

10. 80% of 25 kg = _____ kilos _____ grams

11. 6 ÷ 600 = _____

12. (a) 24p = _____ % of £1

    (b) 30 cm = _____ % of 1 m

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TestLife 11+ Mixed Maths Test 2

1. Write 20 × 50 × 100

   (a) in figures _____ (b) in words _____

2. £6.80 × 15 = £_____

3. $1 = \frac{1}{3} + \frac{1}{6} +$ _____

4. 12 − 7.45 = _____

5. 450 min = _____ h _____ min

6. ¼ of £5.60 = £_____

7. 0.325 ℓ = _____ ml

8. 30% of £9.00 = £_____

9. 1.8 m + 65 cm = _____ cm

10. (a) 2% of £1 = _____ p

   (b) 15% of £1 = _____ p

11. 5200 mm = _____ m

12. (4 kg 800 g) ÷ 8 = _____ g

TestLife 11+ Mixed Maths Test 3

1. 50,000 + 2000 + 90 + 6 = _____

2. 6 × 9 × 4 = _____

3. 7 ℓ 750 ml − 1 ½ ℓ = _____ ℓ _____ ml

4. ¾ of £56 = £ _____

5. (a) 4 ⅗ = _____ / 5   (b) 5 ⅖ = _____ / 5

6. £8.45 + _____ FIVES = £10   (**Note:** FIVES : 5ps)

7. 4820 m = _____ km _____ m

8. 180° − (72° + 68°) = _____°

9. (a) 12 / 25 = _____%   (b) 0.48 = _____%

10. Round 7.036 to two decimal places = _____

11. $5^3 − 5^2$ = _____

12. £5.60 ÷ 8 = _____ p remaining _____ p

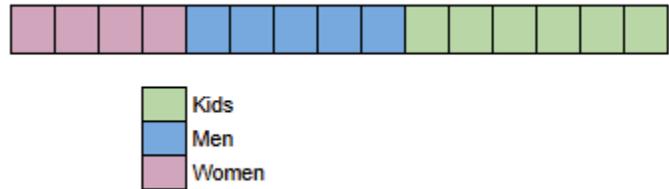= = = = =

TestLife 11+ Mixed Maths Test 4

1. Write in words the number which is 600 less than 70000 _____

2. Find in £s the total of 22p, 19p, 35p and 14p.   £_____ __

3. Change these improper fractions to mixed numbers.

    (a) 29/4= _____

    (b) 45/7 = _____

4. Find the difference between 4 FIFTIES and the sum of 10 FIVES & 5 TWOS. _____

5. How many 20 g portions are there in 3 kg? _____

6. Find the change from a £10 note after spending £6.78.   £_____

7. 3,   4,   6,   8,   9
    Which of these numbers are factors of 72? _____

8. What percentage of 3 litres is 450 ml? _____%

9. Round
    (a) 46.72 to the nearest whole one.   _____
    (b) 257 980 to the nearest 1000.   _____

10. What fraction in its lowest terms is equal to

    (a) 80 % _____   (b) 0.125 _____

11. Fruits cost £1.20 per kg in the shop. Find the cost of 600g _____p

12.   Find the area of a square of 25cm side. _____

TestLife 11+ Mixed Maths Test 5

1. How many thousandths must be added to 8.956 to make 10? _____

2. Jack buys 3 kg of oranges at 42p per kg. What change will he get from £2.00?. _____ p

3. Liah faces NE and turns anticlockwise through 1/2 of a right angle.
 In which direction is she now facing? _____

4. A car travels 54 km in 45 min.
 How many km will it travel at this speed in 1 hour? _____ km

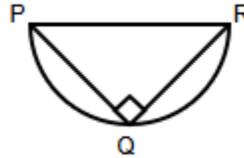5. A metal nut weighs 200 g.
 How many nuts weigh 4 kg? _____

6. The image shows concert attendance

- There were 450 MEN

- There were 350 WOMEN

Kids
Men
Women

- Find what fraction of total attendees were:
  (a) men _____

  (b) women _____

  (c) How many kids were there in total? _____

  7. Tom spends 25% of his money on a toy and puts 50% of the remaining money into savings. He has £30 left to spend. How much money did he have at first? £_____

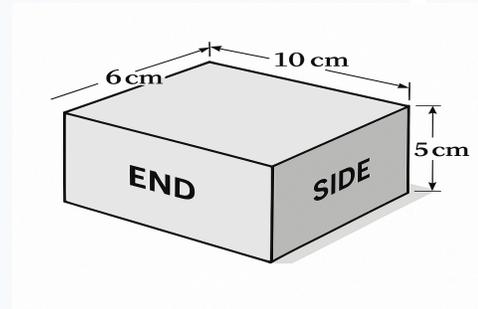8. (a) Find angle QPR. _____
   (b) Find angle PRQ. _____

9. A bus departs at 18:35 and arrives 1 h 25 min later.
   Write the time of arrival. _____

10. The area of a rectangular field is 96 m².
    If its length is 12 m, find its width. _____ m

11. A map is drawn to a scale of 1 mm to 150 m.
    Find the actual distance in km represented by a line 3.2 cm long. _____ km

12. A 3D rectangular box with dimensions:

    ● Length = 10 cm

    ● Width = 6 cm

    ● Height = 5 cm

Sides are labeled END and SIDE.

Find the area of
(a) one of the sides _____
(b) one of the ends _____
(c) top/bottom surface_____

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TestLife 11+ Mixed Maths Test 6

1. Multiply the sum of 4.5 and 3.2 by 0.6. _____.

2. Name the date which is 90 days after 1st September: _____.

3. Angles given: 52°, 101°, 143°, 88°

   Which of these angles are:
   (a) acute angles? _____
   (b) obtuse angles? _____

4. Three packets have a mass of 520 g, 760 g, and 310 g.
   Find their total mass in kg. _____ kg

5. By how many mm is 900 mm greater than 0.65 m? _____ mm

6. How many 20p coins have the same value as £7.40?

7. Write in km/h a speed of 24 km in 15 min. _____ km/h

8. How many times bigger is 800 than 0.8? _____ times

9. Write as a percentage:
   (a) 22p of £1.00 _____ %
   (b) 450 g of 1 kg _____ %

10. A sheet covering 480m² cost £36. Find the cost per m². £_____

11. (a) Round 12⅔ to the nearest whole number: _____

    (b) Round £18.46 to the nearest £ _____

12. The area of a rectangle is 39 m². Its width is 3 m. Find its length.

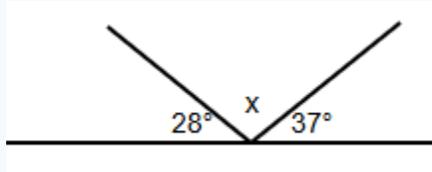   _____ m

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TestLife 11+ Mixed Maths Test 7

1. How many pennies less is the value of 14 tens than the total of 3 fifties and 7 fives?
   _____ p   (**Note**: tens: 10p coins, fifties: 50p coins, fives: 5p coins)

2. Out of 360 children in a school 40% were boys.
   How many girls were there in the school? _____

3. Find the angle marked x.

   _____ °

4. A can holds 6 ℓ when full.
   Find the quantity of water in ℓ and ml when the can is 2/5 full.
   _____ L   _____ ml

5. Fractions: 4/9, 5/12, 2/7
   Which of these fractions is
   (a) the largest? _____
   (b) the smallest? _____

6. The attendance at a football match was 7,986.
   (a) Approximate this number to the nearest thousand. _____
   (b) Find the difference between the actual and approximate numbers. _____

7. Sam's home is 920 m from school.
   How far in km does he walk in a week of 5 days, making one return journey each day?
   _____ km

8. A box containing 80 envelopes costs £4.40.
   Find the cost of 20 envelopes.
   _____ p

9. Find the age in years and months of both children on 1st January 2020.
   DATES OF BIRTH:
   Sara — 1st July 2009
   Leo —   1st April 2006
   Sara = _____ years _____ months
   Leo = _____ years _____ months

10. The price of milk has increased by 6%.
    If £5.00 each week was paid to the milkman, how much is the new weekly price?
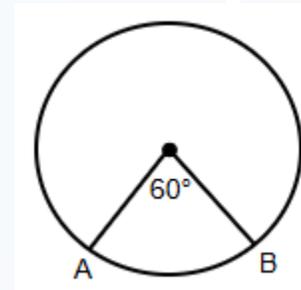   _____ p

11. A circle has centre O, with chord AB.
    Angle AOB = 60°.
    (a) What fraction of the circumference is arc AB? _____
    (b) If the circumference measures 60 cm, find the length of arc
    AB.   _____ cm

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TestLife 11+ Mixed Maths Test 8

1. Write in decimal $100 + \frac{1}{8} + \frac{1}{1000}$ _____

2. $5\frac{1}{4} \times 7$ = _____

3. £2 − (35p + 63p) = £_____

4. $1\frac{1}{2}\,\ell - 750\ m\ell$ = _____ ml

5. 3.8 − 2.76 = _____

6. 2% = _____ / 100

7. H × 300kg = 3kg   Find : H = _____

8. 7.43 a.m. to noon = _____ h _____ min

9. 553 mm = _____ cm _____ mm

10. 830 g × 5 = _____ kg

11. (a) 10% of £12.00 = £_____

   (b) 70% of £12.00 = £_____

12. $\frac{3}{5}$ of £1.20 £_____

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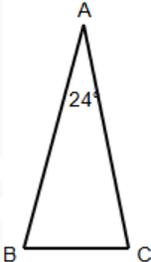**11+**

TestLife 11+ Mixed Maths Test 9

1. Multiply (4.8 + 3.7) by 0.5 _____

2. Decrease £4.20 by 25%. £_____

3. What is 300% of 45 _____

4. How many times is 0.8 m contained in 32 m? _____

5. How many days are there in 28 weeks? _____

6. What percentage of 1 kg is 480 g? _____ %

7. Find the time in hours and minutes from 08:55 to 12:40.
    _____ h _____ min.

8. Spinach costs 22p per ½ kg. What is the cost of 3 kg IN p? _____ p

9. What percentage of the circle is
    (a) grey _____ %
    (b) black _____ %
    (c) plain/white _____ %

10. Approximate
    (a) 33.6 km to the nearest km: _____ km
    (b) 4.275 kg to the nearest kg: _____ kg

11. 24 articles cost £9.60. Find the cost of 6. £_____

12. The area of a rectangle is 42 m².
    Its width is 3 m. Find its length. _____ m

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TestLife 11+ Mixed Maths Test 10

1. An article costs 57p and is paid for with a £1 coin.
   Fill in the blanks the three different coins could be given as change:
   4 x _____ p   2 x _____ p   1 x _____ p

2. In the number 45.583, how many times **greater** is the value of the digit 5 in the **units** place than the value of the digit 5 in the **tenths** place?   _____.

3. When a number is divided by 7, the answer is 54.
   What is the number?   _____.

4. Four children receive these amounts of pocket money: 60p, 72p, 48p, and 54p.
   Find the average.   _____ p

5. A cask contained 84 ℓ of juice. 12% of it was wasted. Find in ℓ and ml the quantity which remained.   _____ L   _____ ml

6. ABC is an isosceles triangle.

   Find the angles at the base.
   ∠ABC = _____ °   ∠ACB = _____ °

   A

   24°

   B   C

7. {1, 2, 4, 6, 8, 12, 24, 48}
   Two members of this set of factors of 48 are missing. Which are they?
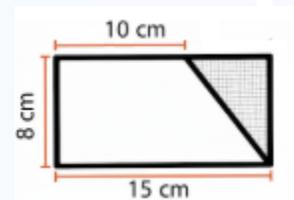
   _____ and _____

8. Ron's weight increased from 36 kg to 39 kg.
   (a) Find the increase as a fraction _____
   (b) Find the increase as a percentage _____ %

9. Which is the better buy, A or B, and by how much?
   (A) Eight 300 g packs of flour at 55p per pack
   or
   (B) 2.4 kg of flour at £1.50 per kg

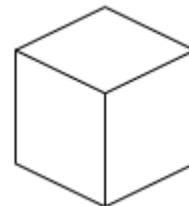   Ans: _____ is better by _____ p

10. From the rectangular card the shaded part is cut off.

    Find the area of the shaded part   _____.

    10 cm
    8 cm
    15 cm

11. A tin of paint costing £5.20 will cover 6 m².
    (a) How many tins will be needed to cover a floor 5 m × 4 m?
    (b) What is the cost? £ _____.
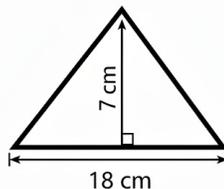
12. The cube has sides each measuring 6 cm.
    Find
    (a) its total surface area _____
    (b) how many 1 cm³ cubes can be fitted into the
    cube_____

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TestLife 11+ Mixed Maths Test 11

1. Write in decimal ⅓ of 200 up to two decimals.   _____

2. From the total of 95p and £1.24 take out 60p.   £_____

3. Find the product of 0.7 and 0.8. _____

4. Find the total number of days in the months of April, May and June. _____

5. When a number is divided by 8 the answer is 57 remaining 3.
    What is the number?   _____

6. 4 articles cost 96p. Find the cost of 3 articles   _____ p

7. Write in fractions:
    (a) 600 g of 1 kg   (a) _____
    (b) 120 ml of ½ ℓ   (b) _____

8. How many times greater is 4080 than 4.08?   _____.

9. (a) 25% of £9.20 = _____ £

    (b) 55% of £9.20 = _____ £

10. Approximate

    (a) £2.186 to the nearest penny = _____ £

    (b) 6.740 ℓ to the nearest ½ ℓ = _____ L

11. 0.6 kg of apples costs £1.80. Find the cost of 900 g.   £_____

12. Find the area of the triangle.
    _____ cm²

7 cm

18 cm

TestLife 11+ Mixed Maths Test 12

1. The volume of a tank is 2480 cm³.How many litres of water does it hold? _____ L

2. A car travels 420 km on 50 ℓ of petrol. How many km per ℓ is this?   _____

3. Find
   (a) 3.12 × 14   (a) _____
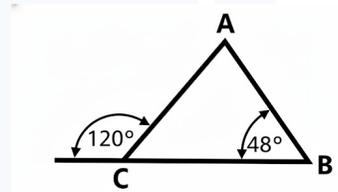   (b) 31.2 × 1.4   (b) _____

4. The bill for meals in a restaurant was £24.60.12% was added as a service charge. How much was added?   £_____

5. Buses run at intervals of 20 min. Find the times of the next two buses after 10:15.

   _____ _____

6. In the triangle ABC, find
   ∠ACB = _____ °
   ∠BAC = _____ °

7. The mass of a TEN coin is 7 g. What is the mass in kg of £30 in TENS? _____ kg

8. A line 12 cm long represents the distance flown by an aeroplane. If the line is drawn to a scale of 1 mm to 40 km, find the actual distance.   _____ km

9. The price of articles in a shop was reduced by 6p in the £1.
   Find
   (a) the reduced price of an article costing £45   (a) £_____
   (b) the reduction as a percentage   (b) _____ %
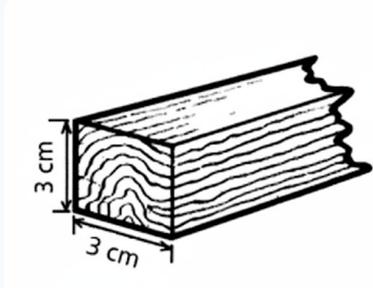
10. A rectangle measures 4 m long and 80 cm wide.
    Find its area in m². _____ m²

11. 6 articles cost £3.30.
    (a) What fraction of £3.30 will 4 articles cost? (a) _____
    (b) Find the cost of 5 articles.   (b) £_____

12. A block of wood is 1.5 m long with a section 3 cm square. How many 3-cm cubes can be made from the block?   _____.