



Master Your 11+ Maths the Fun Way!

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TestLife 11+



Mixed Maths Worksheets

Pack-1

“Solve, learn, and have fun!”

TestLife
11+

TestLife 11+ Mixed Maths Test 1

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

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

3. $120 - (7 \times 8) =$ _____.

4. $0.094 \text{ L} =$ _____ ml

5. $(4.86 \times 5) =$ _____.

6. $\text{£}34 \div 100 =$ _____ p

7. $720 \text{ g} + 0.4 \text{ kg} =$ _____ kg

8. $\frac{1}{25} \times 100 =$ _____ %

9. $3 \text{ h } 12 \text{ min} + 1 \text{ h } 48 \text{ min} =$ _____ h _____ min

10. 80% of $25 \text{ kg} =$ _____ kilos _____ grams

11. $6 \div 600 =$ _____

12. (a) $24\text{p} =$ _____ % of $\text{£}1$

(b) $30 \text{ cm} =$ _____ % of 1 m

THANK YOU !



TestLife 11+ Mixed Maths Test 2

1. Write $20 \times 50 \times 100$
(a) in figure _____
(b) in words _____
2. $£6.80 \times 15 = £$ _____
3. $1 = \frac{1}{3} + \frac{1}{6} +$ _____
4. $12 - 7.45 =$ _____
5. $450 \text{ min} =$ _____ h _____ min
6. $\frac{1}{4}$ of $£5.60 = £$ _____
7. $0.325 \text{ L} =$ _____ ml
8. 30% of $£9.00 = £$ _____
9. $1.8 \text{ m} + 65 \text{ cm} =$ _____ cm
10. (a) 2% of $£1 =$ _____ p
(b) 15% of $£1 =$ _____ p
11. $5200 \text{ mm} =$ _____ m
12. $(4 \text{ kg } 800 \text{ g}) \div 8 =$ _____ g



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TestLife 11+ Mixed Maths Test 3

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

2. $6 \times 9 \times 4 =$ _____

3. $7 \text{ L } 750 \text{ ml} - 1 \frac{1}{2} \text{ L} =$ _____ L _____ ml

4. $\frac{3}{4}$ of £56 = £ _____

5. (a) $4 \frac{3}{5} =$ _____/5

(b) $5 \frac{2}{5} =$ _____/5

6. £8.45 + _____ TENS = £10

7. 4820 m = _____ km _____ m

8. $180^\circ - (72^\circ + 68^\circ) =$ _____ $^\circ$

9. (a) $12/25 =$ _____%

(b) $0.48 =$ _____%

10. 7.036 = _____ thousandths

11. $5^3 - 5^2 =$ _____

12. £5.60 $\div$ 8 = _____ p remaining _____ p

THANK YOU !

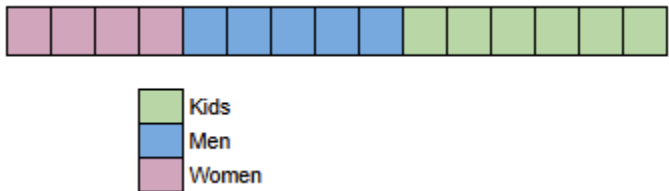


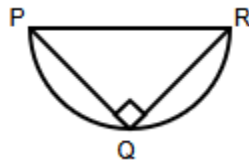
TestLife 11+ Mixed Maths Test 4

- Write in words the number which is 600 less than 70 000.
- Find in £s the total of 22p, 19p, 35p and 14p. £ _____
- Change these improper fractions to mixed numbers.
(a) $29/4 =$ _____
(b) $45/7 =$ _____
- Find the difference between 4 FIFTIES and the sum of 10 FIVES & 5 TWOS. _____
- How many 20 g portions are there in 3 kg? _____
- Find the change from a £10 note after spending £6.78. £ _____
- 3, 4, 6, 8, 9
Which of these numbers are factors of 72? _____
- What percentage of 3 litres is 450 ml? _____%
- Round
(a) 46.72 to the nearest whole one. (a) _____
(b) 257 980 to the nearest 1000. (b) _____
- What fraction in its lowest terms is equal to
(a) 80 % _____
(b) 0.125 _____
- Find the cost of 600 g at £1.20 per kg. _____p
- Find the area of a square of 25-cm 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 $\frac{1}{2}$ 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
 - Find what fraction of all the employees were:
(a) men _____
(b) women _____
(c) How many kids were there in total? _____
7. Tom spends 25% of his money on a toy and saves 50%.
If he has £30 left, 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 m^2 .

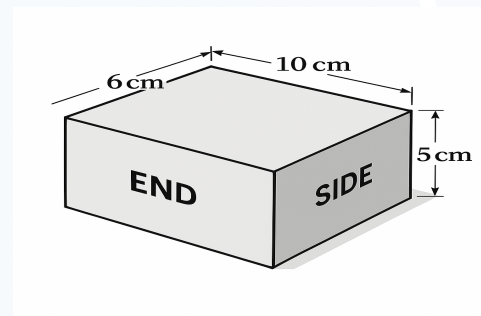
If its length is 12 m, find its width. _____ m

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 and bottom surface _____

THANK YOU !



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° , 195°
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 TWENTIES 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 larger is 800 than 0.8? _____ times
9. Write as a percentage:
(a) 22p of £1.00 _____ %
(b) 450 g of 1 kg _____ %
10. 480 m² cost 36p. Find the cost per m². £ _____
11. (a) $12\frac{2}{3}$ to the nearest whole number: _____
(b) £18.46 to the nearest £: _____
12. The area of a rectangle is 39 m². Its width is 3 m. Find its length.
_____ m



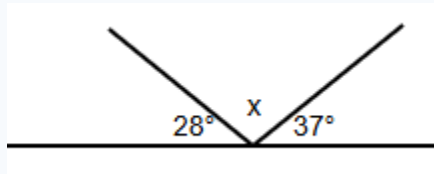
TestLife 11+ Mixed Maths Test 7

1. How many pennies less is the value of 14 tens than the total of 3 fifties and 7 fives?
_____ p

2. Of 360 children in a school 41% were boys.
(a) What percentage were girls? _____ %
(b) How many boys 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 $\frac{2}{5}$ full.
_____ L _____ ml

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

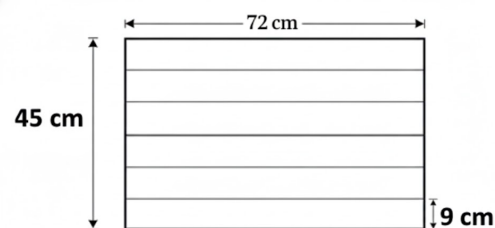
6. The attendance at a football match was 7,986.
(a) Approximate this number to the nearest thousand. _____
(b) Find the difference between the actual and approximate numbers. _____

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 card 72 cm by 45 cm is cut into equal strips each 9 cm wide.

(a) How many strips are cut? _____
(b) Find the total length of the strips in m. _____ m



9. A box containing 80 envelopes costs £4.40.
Find the cost of 20 envelopes.

_____ p

10. Find the age in years and months of both children on 1st January 2020.

DATES OF BIRTH:

Sara — 1.07.09

Leo — 1.04.06

Sara = _____ years _____ months

Leo = _____ years _____ months

11. The price of milk has increased by 6%.

If £5.00 each week was paid to the milkman, how much more is there now to pay?

_____ p

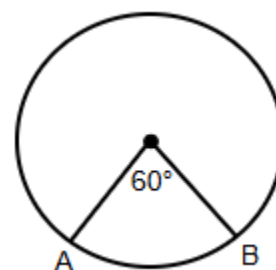
12. A circle has centre O, with chord AB.

Angle AOB = 60° .

(a) What fraction of the circumference is arc AB? _____

(b) If the circumference measures 62.8 cm, find the length of arc

AB. _____ cm



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TestLife 11+ Mixed Maths Test 8

1. Write as a decimal

$$100 + 10/8 + 1000/1000 = \underline{\hspace{2cm}}$$

2. $5\frac{1}{4} \times 7 = \underline{\hspace{2cm}}$

3. $\pounds 2 - (35p + 63p) = \pounds \underline{\hspace{2cm}}$

4. $1\frac{1}{2} \text{ l} - 750 \text{ ml} = \underline{\hspace{2cm}} \text{ ml}$

5. $3.8 - 2.76 = \underline{\hspace{2cm}}$

6. $2\% = \frac{\hspace{1cm}}{100} = \frac{\hspace{1cm}}{20}$

7. $H \times 300\text{kg} = 3\text{kg}$ Find : $H = \underline{\hspace{2cm}}$

8. 7.43 a.m. to noon = $\underline{\hspace{1cm}}$ h $\underline{\hspace{1cm}}$ min

9. 553 mm = $\underline{\hspace{1cm}}$ cm $\underline{\hspace{1cm}}$ mm

10. $830 \text{ g} \times 5 = \underline{\hspace{2cm}} \text{ kg}$

11. (a) 10% of $\pounds 12.00 = \pounds \underline{\hspace{2cm}}$

(b) 70% of $\pounds 12.00 = \pounds \underline{\hspace{2cm}}$

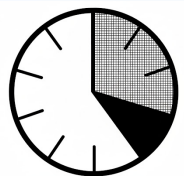
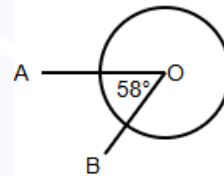
12. $\frac{3}{5}$ of $\pounds 1.20 = \pounds \underline{\hspace{2cm}}$

THANK YOU !



TestLife 11+ Mixed Maths Test 9

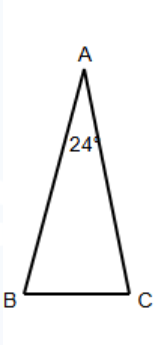
1. Multiply the sum of 4.8 and 3.7 by 0.5. _____
2. Decrease £4.20 by 25%. £ _____
3. Angle diagram with $\angle AOB = 58^\circ$
Find the reflex angle AOB. _____^o
4. How many times is 0.8 m contained in 32 m? _____
5. How many days in 28 weeks? _____
6. What percentage of 1 kg is 480 g? _____ %
7. Find the time in hours and minutes from 08:55 to 12:40.
_____ h _____ min.
8. What is the cost of 3 kg at 22p per $\frac{1}{2}$ kg? _____ p
9. What percentage of the circle is
(a) grey _____ %
(b) black _____ %
(c) plain _____ %
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



THANK YOU !



TestLife 11+ Mixed Maths Test 10

1. An article costs 57p and is paid for with a £1 coin.
Which three coins could be given as change?
_____ p _____ p _____ 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.
 $\angle ABC =$ _____ $^{\circ}$ $\angle ACB =$ _____ $^{\circ}$

7. {1, 2, 3, 4, 6, 8, 12, 16, 24, 48}
Two members of this set of factors of 48 are missing. Which are they?
_____ and _____

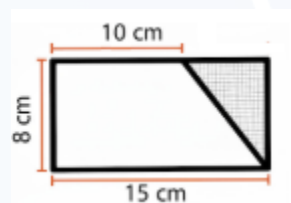
8. Ron's weight increased from 36 kg to 39 kg.
(a) Find the increase as a fraction _____
(b) Find the increase as a percentage _____ %

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 its area. _____.

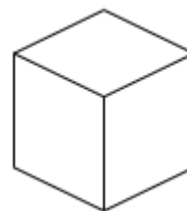


11. A tin of paint costing £5.20 will cover 6 m².
(a) How many tins will be needed to cover a floor 5 m × 4 m?
(b) What is the cost? £ _____.

12. The cube has sides each measuring 6 cm.

Find

- (a) its total surface area _____
(b) how many cm³ cubes can be fitted into the cube _____



THANK YOU !