



Afanwood 50 Mark Test (beta)

Dynamic Assessment: Test 1

1. John is purchasing fish and chip suppers for the workers. Each person pays £ 7 for a fish and £ 3 for chips. There are 44 workers. How much will the cost be?
2. John is purchasing fish and chip suppers for the workers. Each person pays £ 1 for a fish and £ 5 for chips. There are 64 workers. How much will the cost be?
3. A map is drawn on a scale 1:100000. How many cm are equal to 14 km
A)14 B) 12 C)7 D) 15 E)23
4. A map is drawn on a scale 1:50000. How many cm are equal to 13 km
A)20 B) 11 C)26 D) 44 E)32
5. A bottle is 8 $\frac{1}{5}$ pints. Which is this in litres.
A) 7.19 B) 4.86 C) 4.13 D) 5.88 E) 4.66
6. A sack of potatoes weighs 7 pounds and 8 ounces. Which is this closest to in kilograms
A) 3.4 B) 8.2 C) 3.17 D) 8.14 E) 9.0
7. Which fraction has the largest value.
A) $\frac{4}{12}$ B) $\frac{5}{15}$ C) $\frac{6}{17}$ D) $\frac{2}{5}$ E) $\frac{4}{11}$
8. Which fraction has the largest value
A) $\frac{5}{11}$ B) $\frac{5}{15}$ C) $\frac{6}{17}$ D) $\frac{2}{5}$ E) $\frac{5}{13}$
9. Biscuits come in packs of 8. How many packs are required to purchase 640 biscuits?
10. Golf balls come in packs of 6. How many golf balls are required to purchase 474 golf balls?

ANSWERS

1. 440
2. 384
3. A
4. C
5. E
6. A
7. D
8. A
9. 80.0
10. 79.0

Dynamic Assessment: Test 2



1. How many quarters are there in 28 ?
2. How many fifths are there in 18 ?
3. Simon wins £ 63 and spends 82% of it. How many £ and pence remain?
4. Joanne wins £ 82 and spends 75 % of it. How many £ and pence remain?
5. $8a \times 4b + c = d$. If $a = 9$, $b = 4$ and $c = 3$ what is d
6. $4a \times 8b - c = d$. If $a = 1$, $b = 3$ and $c = 3$ what is d
7. A regular octagon has a perimeter of 40 . What is the length of one side?
8. A triangle has three 60 degree angles and a perimeter of 33 . What is the length of one side?
9. James has a journey of 666 km. He stopped for food after $\frac{4}{9}$ of the journey. How far was this?
10. Kim has a journey of 544 km. He stopped for food after $\frac{5}{8}$ of the journey. How far was this?

ANSWERS

1. 112
2. 90
3. 11.34
4. 20.5
5. 1149
6. 93
7. 1615
8. -8
9. 296.0
10. 340.0

Dynamic Assessment: Test 3



1. The price of a dress has been reduced by 28 %. If the original price was £ 69 what is it now.
2. The price of a printer has been reduced by 24%. If the original price was £ 52 what is it now.
3. What does the digit 2 in 899286 represent?
4. What does the digit 7 in 957290 represent?
5. A post is 7 feet and 5 inches. What is this in metres.
6. A post is 3 feet and 3 inches. What is this in metres.
7. A rectangle has a perimeter of 32 cm. Two of the sides are 4 cm. What is the area in cm sq.
8. A rectangle has a perimeter of 28 cm. Two of the sides are 5 cm. What is the area in cm sq.
9. Cards come in packs of 9. How many packs are required to purchase 549 cards?
10. Chocolates come in boxes of 7. How many boxes are required to purchase 560 chocolates?

ANSWERS

1. 49.68
2. 39.52
3. 200
4. 7000
5. 2.26
6. 0.99
7. 48.0
8. 45.0
9. 61.0
10. 80.0

Dynamic Assessment: Test 4



1. How many quarters are there in 27 ?
2. How many fifths are there in 14 ?
3. Simon wins £ 87 and spends 60% of it. How many £ and pence remain?
4. Joanne wins £ 49 and spends 87 % of it. How many £ and pence remain?
5. $8a \times 4b + c = d$. If $a = 7$, $b = 8$ and $c = 9$ what is d
6. $4a \times 8b - c = d$. If $a = 2$, $b = 3$ and $c = 1$ what is d
7. A regular octagon has a perimeter of 72 . What is the length of one side?
8. A triangle has three 60 degree angles and a perimeter of 45 . What is the length of one side?
9. James has a journey of 756 km. He stopped for food after $\frac{4}{9}$ of the journey. How far was this?
10. Kim has a journey of 384 km. He stopped for food after $\frac{5}{8}$ of the journey. How far was this?

ANSWERS

1. 108
2. 70
3. 34.8
4. 6.37
5. 1783
6. 191
7. 5198
8. 4
9. 336.0
10. 240.0

Dynamic Assessment: Test 5



1. A child cycles to school. It takes 43 minutes to get there. What is the total weekly cycling time?
2. A worker drives 28 miles to get to work 5 days a week. How far do they drive in a fortnight?
3. There are 500 ball bearings in a packet. How many ballbearings are there in 18.5 packets?
4. There are 600 ball bearings in a packet. How many ballbearings are there in 11.75 packets?
5. $(5a + 3b) + c = d$. If $a = 6$, $b = 8$ and $c = 8$ what is d
6. $(7a + 4b) + c = d$. If $a = 7$, $b = 7$ and $c = 3$ what is d
7. There are 13 boxes. 6 have 17 buns, 4 have 12 and 3 have 18. How many buns are there?
8. There are 11 boxes. 6 have 17 buns, 3 have 13 and 2 have 13. How many buns are there?
9. In a group there is a ratio of 3 girls to 8 boys. There are 33 pupils. How many are girls?
10. In a group there is a ratio of 6 boys to 8 girls. There are 70 pupils. How many are boys?

ANSWERS

1. 430
2. 560
3. 9250.0
4. 7050.0
5. 62
6. 80
7. 204
8. 167
9. 9
10. 30