Afanwood 50 Mark Test (beta v3)

1. John is purchasing fish and chip suppers for the workers. Each person pays £ 5 for a fish and £ 8 for chips. There are 83 workers. How much will the cost be?

2. John is purchasing fish and chip suppers for the workers. Each person pays £ 5 for a fish and £ 11 for chips. There are 59 workers. How much will the cost be?

3. Biscuts come in packs of 8. How many packs are required to purchase 688 biscuits?

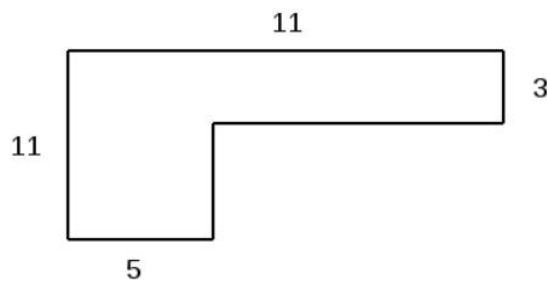4. Golf balls come in packs of 6. How many golf balls are required to purchase 576 golf balls?

5. A bottle is 3 1/5 pints. What is this in litres?

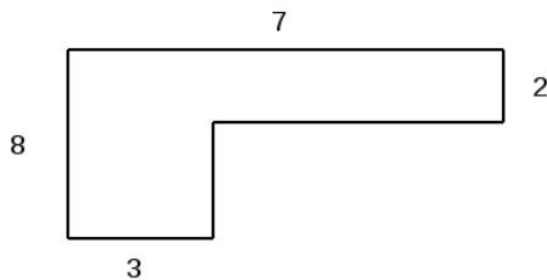6. A sack of potatoes weighs 9 pounds and 8 ounces. What is this in kilograms?

7. A map is drawn on a scale 1:100000. How many cm are equal to 11 km

8. A map is drawn on a scale 1:50000. How many cm are equal to 9 km

9. What is the perimeter of the shape below?

11

3

11

5

10. What is the area of the shape below?

7

2

8

3

Answers (page 1)

1. 1079
2. 944
3. 86.0
4. 96.0
5. 1.82

6. 7.7
7. 11
8. 18
9. 44
10. 32

Erratum: Ans to q6 is 1.82

Dynamic Assessment: Test 2

1. Calculate 49% of 82 ?

2. Calculate 95% of 85 ?

3. What is 5.72 * 10000 ?

4. What is 339 / 1000?

5. (8a + 4b) - c = d. If a = 8 , b = 3 and c = 4 what is d

6. (4a + 8b) - c = d. If a = 6 , b = 3 and c = 1 what is d

7. A number is squared and then has 11 added to it. The answer is 75 what is it?

8. A number is squared and then has 13 subtracted from it. The answer is 108 what is it?

9. If the side of a cube is 9 what is the combined area of all of its faces?

10. If the side of a cube is 12 what is the combined area of all of its faces?

ANSWERS
1. 40.18
2. 80.75
3. 57200.0
4. 0.339
5. 72
6. 47
7. 8
8. 11
9. 486
10. 864

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 22 ?

2. How many fifths are there in 18 ?

3. Simon wins £ 77 and spends 65% of it. How many £ and pence remain?

4. Joanne wins £ 70 and spends 72 % of it. How many £ and pence remain?

5. 8a x 4b - c = d. If a = 9, b = 7 and c = 8 what is d

6. 4a x 8b + c = d. If a =4 , b =3 and c =6 what is d

7. A regular octagon has a perimeter of 80 . 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 603 km. He stopped for food after 4/9 of the journey. How far was this?

10. Kim has a journey of 424 km. He stopped for food after 5/8 of the journey. How far was this?

ANSWERS
1. 88
2. 90
3. 26.95
4. 19.6
5. 2008
6. 390
7. 10.0
8. 15.0
9. 268.0
10. 265.0

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