**Hyde Community College Year 7 Numeracy Awards**

**Bronze – Test 1 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Form: \_\_\_\_\_\_\_\_\_\_**

1. Complete the following sums  
     
   a) 4 x 2 = \_\_\_\_\_ b) 3 x 7 = \_\_\_\_\_ c) 9 x 5 = \_\_\_\_\_  
     
   d) 2 x 6 = \_\_\_\_\_ e) 8 x 3 = \_\_\_\_\_ f) 10 x 6 = \_\_\_\_\_
2. What is the perimeter and the area of these rectangles?  
     
   a) b)   
     
     
     
   Perimeter = \_\_\_\_\_cm Perimeter = \_\_\_\_\_ m   
     
   Area = \_\_\_\_\_ cm2 Area = \_\_\_\_\_ m2

3 cm

4 cm

2m

6m

1. Are these angles acute, obtuse or right angles?  
     
   a) b) c)  
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What are the names of these shapes?  
     
   a) b) c)   
     
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Complete the table

|  |  |  |
| --- | --- | --- |
| Fraction | Decimal | Percentage |
| ½ |  |  |
|  | 0.75 |  |



**Hyde Community College Year 7 Numeracy Awards**

**Bronze – Test 2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Form: \_\_\_\_\_\_\_\_\_\_**

1. Complete the following sums  
     
   a) 7 x 2 = \_\_\_\_\_ b) 3 x 4 = \_\_\_\_\_ c) 8 x 5 = \_\_\_\_\_  
     
   d) 2 x 8 = \_\_\_\_\_ e) 9 x 3 = \_\_\_\_\_ f) 10 x 7 = \_\_\_\_\_
2. What is the perimeter and the area of these rectangles?  
     
   a) b)   
     
     
     
   Perimeter = \_\_\_\_\_cm Perimeter = \_\_\_\_\_ m   
     
   Area = \_\_\_\_\_ cm2 Area = \_\_\_\_\_ m2

2 cm

5 cm

3m

7m

1. Are these angles acute, obtuse or right angles?   
     
   a) b) c)  
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What are the names of these shapes?  
     
   a) b) c)  
     
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Complete the table

|  |  |  |
| --- | --- | --- |
| Fraction | Decimal | Percentage |
| ¼ |  |  |
|  | 1.00 |  |



**Hyde Community College Year 7 Numeracy Awards**

**Bronze – Test 3 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Form: \_\_\_\_\_\_\_\_\_\_**

1. Complete the following sums  
     
   a) 9 x 2 = \_\_\_\_\_ b) 3 x 6 = \_\_\_\_\_ c) 7 x 5 = \_\_\_\_\_  
     
   d) 2 x 3 = \_\_\_\_\_ e) 3 x 3 = \_\_\_\_\_ f) 10 x 8 = \_\_\_\_\_
2. What is the perimeter and the area of these rectangles?  
     
   a) b)   
     
     
     
   Perimeter = \_\_\_\_\_cm Perimeter = \_\_\_\_\_ m   
     
   Area = \_\_\_\_\_ cm2 Area = \_\_\_\_\_ m2

5m

4 cm

4 cm

5m

1. Are these angles acute, obtuse or right angles?   
     
   a) b) c)  
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What are the names of these shapes?  
     
   a) b) c)  
     
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Complete the table

|  |  |  |
| --- | --- | --- |
| Fraction | Decimal | Percentage |
| ¾ |  |  |
|  | 0.25 |  |



**Hyde Community College Year 7 Numeracy Awards**

**Silver – Test 1 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Form: \_\_\_\_\_\_\_\_\_\_**

1. Complete the following sums  
     
   a) 9 x 8 = \_\_\_\_\_ b) 8 x 4 = \_\_\_\_\_ c) 7 x 8 = \_\_\_\_\_ d) 152 = \_\_\_\_  
     
   d) 7 x 6 = \_\_\_\_\_ e) 6 x 5 = \_\_\_\_\_ f) 92 = \_\_\_\_\_ g) 42 = \_\_\_\_\_
2. Complete the missing information below each shape:  
     
   a) b) c)   
     
     
     
   Perimeter = \_\_\_\_\_cm Area = \_\_\_\_\_ m2 Area = \_\_\_\_\_ m2   
     
   Area = \_\_\_\_\_ cm2  
     
   d) e) f)   
     
     
     
     
   Volume = \_\_\_\_\_\_ m3 Angle A = \_\_\_\_\_o Angle B = \_\_\_\_\_o

70o

C

B

A

B

C

A

4m

3m

5m

7m

3m

2 cm

4m

6m

5.5 cm

1. C:\Users\Howards\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\GDODH86D\MC900048284[1].wmfWhat are the names of these shapes?  
     
   a) b) c)   
     
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Complete the table

|  |  |  |
| --- | --- | --- |
| Fraction | Decimal | Percentage |
| 1/5 |  |  |
|  | 0.1 |  |



**Hyde Community College Year 7 Numeracy Awards**

**Silver – Test 2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Form: \_\_\_\_\_\_\_\_\_\_**

1. Complete the following sums  
     
   a) 9 x 4 = \_\_\_\_\_ b) 8 x 7 = \_\_\_\_\_ c) 7 x 5 = \_\_\_\_\_ d) 132 = \_\_\_\_  
     
   d) 7 x 9 = \_\_\_\_\_ e) 6 x 8 = \_\_\_\_\_ f) 62 = \_\_\_\_\_ g) 72 = \_\_\_\_\_
2. Complete the missing information below each shape:  
     
   a) b) c)   
     
     
     
   Perimeter = \_\_\_\_\_cm Area = \_\_\_\_\_ m2 Area = \_\_\_\_\_ m2   
     
   Area = \_\_\_\_\_ cm2  
     
   d) e) f)   
     
     
     
     
   Volume = \_\_\_\_\_\_ m3 Angle A = \_\_\_\_\_o Angle B = \_\_\_\_\_o

80o

C

B

A

B

C

A

5m

2m

10m

9m

4m

3 cm

7m

8m

2.3 cm

1. What are the names of these shapes?  
     
   a) b) c)   
     
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Complete the table

|  |  |  |
| --- | --- | --- |
| Fraction | Decimal | Percentage |
| 1/20 |  |  |
|  | 0.125 |  |



**Hyde Community College Year 7 Numeracy Awards**

**Silver – Test 3 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Form: \_\_\_\_\_\_\_\_\_\_**

1. Complete the following sums  
     
   a) 9 x 12 = \_\_\_\_\_ b) 11 x 4 = \_\_\_\_\_ c) 7 x 6 = \_\_\_\_\_ d) 82 = \_\_\_\_\_  
     
   d) 8 x 7 = \_\_\_\_\_ e) 12 x 5 = \_\_\_\_\_ f) 122 = \_\_\_\_\_ g) 112 = \_\_\_\_
2. Complete the missing information below each shape:  
     
   a) b) c)   
     
     
     
   Perimeter = \_\_\_\_\_cm Area = \_\_\_\_\_ m2 Area = \_\_\_\_\_ m2   
     
   Area = \_\_\_\_\_ cm2  
     
   d) e) f)   
     
     
     
     
   Volume = \_\_\_\_\_\_ m3 Angle A = \_\_\_\_\_o Angle B = \_\_\_\_\_o

7m

3m

5m

75o

C

B

A

B

C

A

6m

5m

3 cm

7m

10m

4.1 cm

1. What are the names of these shapes?  
     
   a) b) c)   
     
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Complete the table

|  |  |  |
| --- | --- | --- |
| Fraction | Decimal | Percentage |
| 1/3 |  |  |
|  | 0.666… |  |



**Hyde Community College Year 7 Numeracy Awards**

**Gold – Test 1 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Form: \_\_\_\_\_\_\_\_\_\_**

1. Complete the following sums  
     
   a) 142 = \_\_\_\_\_ b) 93 = \_\_\_\_\_ c) 53 = \_\_\_\_\_ d) 152 = \_\_\_\_  
     
   d) √169 = \_\_\_\_\_ e) √256 = \_\_\_\_\_ f) 3√64 = \_\_\_\_\_ g) 3√1000= \_\_
2. What is the surface area of these shapes? (Do working out on the back of the sheet)  
   (Leave your answers in terms of π OR take π = 3.14 where appropriate)  
     
   a) b) Radius = 4m

7m

3m

5m

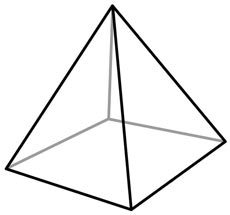
C:\Users\Howards\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\GDODH86D\MC900048284[1].wmf  
  
  
Surface area = \_\_\_\_\_\_\_\_\_\_\_\_\_ m2 Surface area = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ m2   
c) d)   
  
  
  
  
Surface area = \_\_\_\_\_\_\_\_\_\_\_\_\_ m2 Surface area = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ m2

3m

5m

4m

6m

1. What is the volume of these shapes? (Do working out on the back of the sheet)  
   (Leave your answers in terms of π OR take π = 3.14 where appropriate)  
     
   a) b) Radius = 5m  
     
     
     
     
     
   Volume = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ m3 Volume = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ m3

6m

4m

5m

