

YEAR 7 Numeracy Calculator Allowed Test 3  
Sample Test

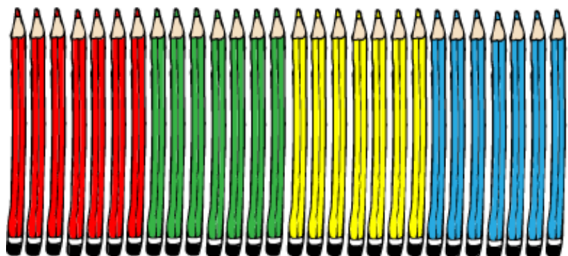
Time Allowed: 40min  
Time Remaining: 00s  
39min 57s

Finish Test

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28  
29 30 31 32

Question 1 of 32

Next



Mohammed bought 28 pencils for \$14.00. What was the cost per pencil?

☐ 0.5 cents

☐ 5 cents

☐ 50 cents

☐ \$5.00

Flag this question to revisit later: ☐

Next

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YEAR 7 Numeracy Calculator Allowed Test 3  
Sample Test

Time Allowed: 40min  
Time Remaining: 00s  
39min 50s

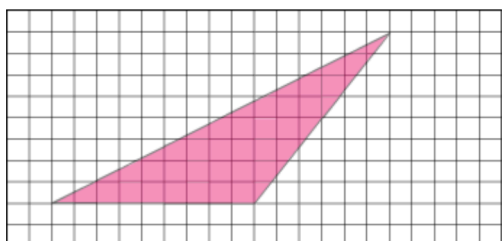
Finish Test

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28  
29 30 31 32

Question 2 of 32

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What is the area of this triangle, in square units?

☐ 36

☐ 45

☐ 49

☐ 76.5

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## YEAR 7 Numeracy Calculator Allowed Test 3

Sample Test

Time Allowed: 40min  
Time Remaining: 39min 43s

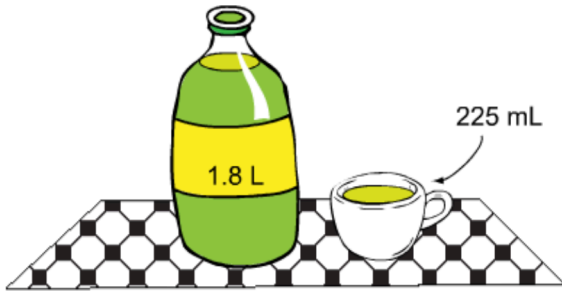
Finish Test

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28  
29 30 31 32

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A bottle of juice holds 1.8 litres. A cup holds 225 millilitres.

How many times can the cup be filled from the bottle?

Please type your answer here...

Submit

## YEAR 7 Numeracy Calculator Allowed Test 3

Sample Test

Time Allowed: 40min  
Time Remaining: 39min 35s

Finish Test

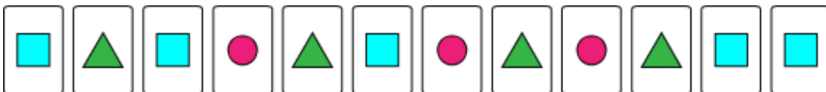
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28  
29 30 31 32

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Pam has these 12 cards.



She puts the cards into a hat and selects one without looking.  
What is the chance that Pam selects a triangle?

☐ 1 in 2

☐ 5 in 12

☐ 1 in 3

☐ 1 in 4

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# YEAR 7 Numeracy Calculator Allowed Test 3

Sample Test

Time Allowed: 40min  
Time Remaining: 39min 29s

Finish Test

- 12345678910111213141516171819202122232425262728
- 29303132

## Question 5 of 32

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A stop sign is an example of what type of polygon?

☐ decagon

☐ hexagon

☐ pentagon

☐ octagon

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# YEAR 7 Numeracy Calculator Allowed Test 3

Sample Test

Time Allowed: 40min  
Time Remaining: 39min 23s

Finish Test

- 12345678910111213141516171819202122232425262728
- 29303132

## Question 6 of 32

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A shrub was 0.8 m high when planted. In the first year it grew by 65 centimetres.



What was the height of the shrub at the end of the first year?

☐ 0.865 m

☐ 1.45 m

☐ 73 cm

☐ 7.3 m

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## YEAR 7 Numeracy Calculator Allowed Test 3

Sample Test

Time Allowed: 40min  
Time Remaining: 00s  
39min 16s

Finish Test

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29 30 31 32

### Question 7 of 32

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The ages of people in a band are 17, 19, 20, 24, 26 and 32.



What is the average (mean) age?

Please type your answer here...

Submit

## YEAR 7 Numeracy Calculator Allowed Test 3

Sample Test

Time Allowed: 40min  
Time Remaining: 00s  
39min 10s

Finish Test

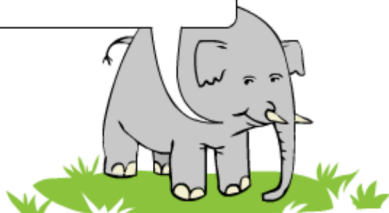
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28  
29 30 31 32

### Question 8 of 32

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What is  $\frac{5}{8}$  expressed as a decimal?



☐ 0.58

☐ 0.85

☐ 0.715

☐ 0.625

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## YEAR 7 Numeracy Calculator Allowed Test 3

### Sample Test

Time Allowed:  
Time Remaining:

40min  
00s  
39min  
03s

**Finish Test**

- 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
- 29 30 31 32

### Question 9 of 32

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A car travels 450 kilometres in 6 hours.



At this same rate, how long would the car take to travel 300 kilometres?

Type the number of hours in the box below.

Please type your answer here...

**Submit**

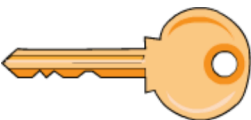
- 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
- 29 30 31 32

### Question 10 of 32

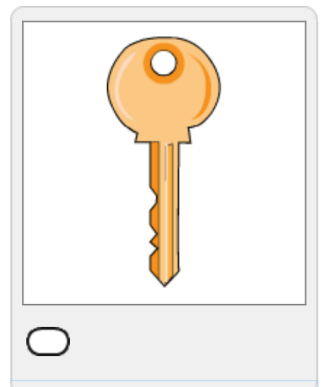
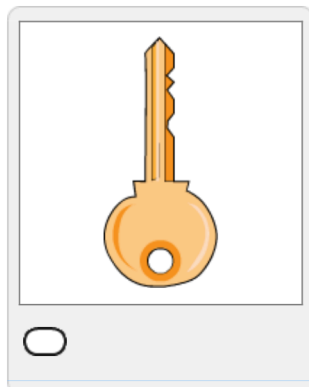
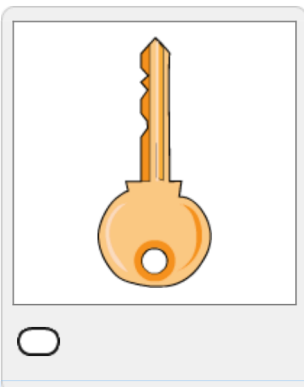
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A pin was placed through the hole in this key and then the key was turned through a quarter-turn clockwise.



Which diagram shows the way the key will now look?



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28  
29 30 31 32

## Question 11 of 32

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What number is exactly halfway between  $\frac{3}{4}$  and  $2\frac{1}{4}$ ?



$1\frac{1}{4}$

$1\frac{1}{2}$

$1\frac{3}{4}$

$1\frac{3}{8}$

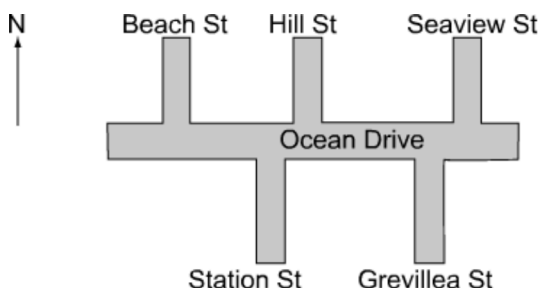
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28  
29 30 31 32

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Elena drives her car west along Ocean Drive. She takes the first left turn after Hill Street.



Into which street does Elena turn?

☐ Beach Street

☐ Station Street

☐ Grevillea Street

☐ Seaview Street

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Next

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29 30 31 32

## Question 13 of 32

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Joseph's bedtime is twenty to eight at night.



Which bedside clock shows Joseph's bedtime?

☐

19:20

☐

19:40

☐

20:20

☐

20:40



Using the information given by the weatherman, which statement is correct?

- ☐ Today, storms are unlikely.
- ☐ The chance of storms today is fifty-fifty.
- ☐ Today, storms are likely.
- ☐ We are certain to get a storm today.

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Sample Test

Time Remaining:

30 min

15s

- 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28  
29 30 31 32

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A TV normally priced at \$1000 was sold for the discounted price of \$800.



What was the percentage discount?

☐ 20%

☐ 25%

☐ 75%

☐ 80%

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0:05

- 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28  
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This table shows the time Mona spent on the computer each afternoon last week.

Time spent on computer last week	
Day	Time
Monday	1 hour
Tuesday	40 minutes
Wednesday	25 minutes
Thursday	50 minutes
Friday	35 minutes

What was the average (mean) time Mona spent on the computer last week?

☐ 40 min

☐ 42 min

☐ 45 min

☐ 48 min

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