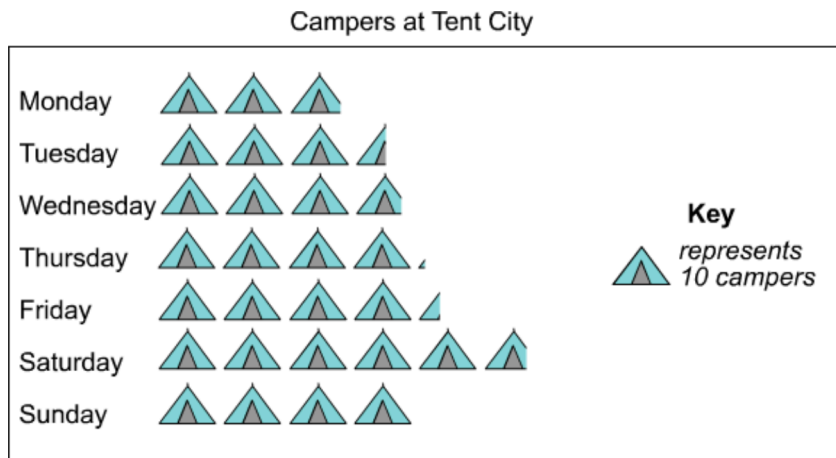


Question 1 of 16

Next

This pictograph shows the number of campers registered at a campsite last week.



On what day were 43 campers registered?

☐ Tuesday

☐ Wednesday

☐ Thursday

☐ Friday

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Next

YEAR 7 Algebra Calculator Allowed Test 3 Numeracy Short Test

Time Allowed: 20min
Time Remaining: 19min 22s

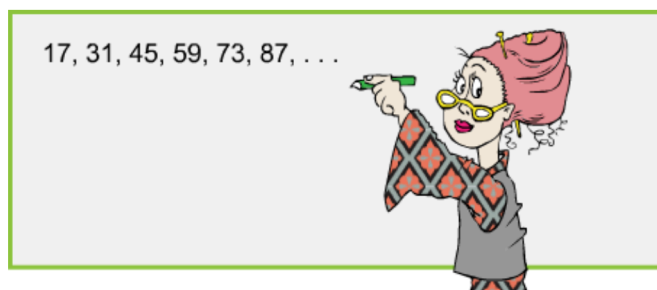
Finish Test

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Question 2 of 16

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What is the next number in this number pattern?

Please type your answer here...

Submit

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Numeracy Short Test

Time Allowed:
Time Remaining:

20min
00s
19min
16s

Finish Test

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Question 3 of 16

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Jarod has a bag holding these marbles.



If he chooses a marble from the bag without looking, what can be said about the chance of it being green?

☐ impossible

☐ unlikely

☐ likely

☐ certain

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Question 4 of 16

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Next

A survey was taken of 250 spectators as they entered a ground to see a cricket match. Each of the spectators was asked which of the two teams, Grafters or Sloggers, they thought would win the match. The results are shown in the table:

	Grafters	Sloggers
Adults	78	56
Children	37	



How many children thought the Sloggers would win?

Please type your answer here...

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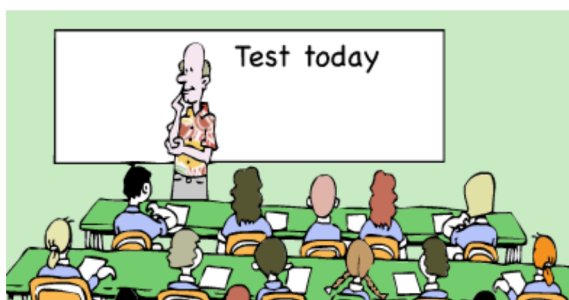
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Question 5 of 16

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These are the marks Nikita scored in her last 10 Maths tests.

81, 79, 56, 72, 68, 75, 81, 80, 91, 87

What is Nikita's average (mean) score?

☐ 75

☐ 77

☐ 79

☐ 81

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Time Allowed:
Time Remaining:

20min
00s
18min
54s

Finish Test

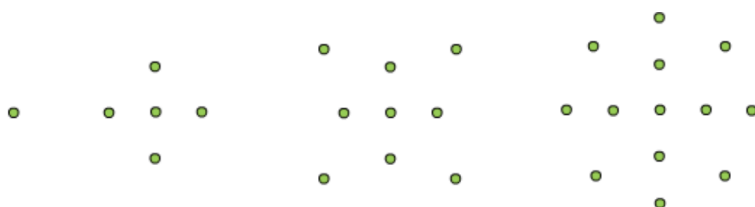
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Question 6 of 16

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Maryanne is making a pattern by sticking pins into a board.



Pattern 1

Pattern 2

Pattern 3

Pattern 4

How many pins will be needed for Figure 12?

Please type your answer here...

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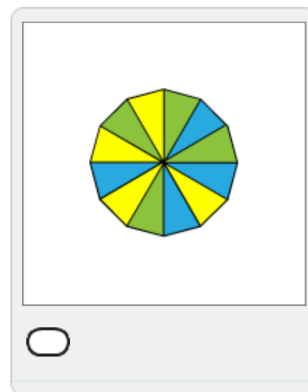
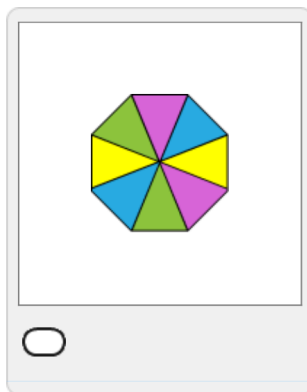
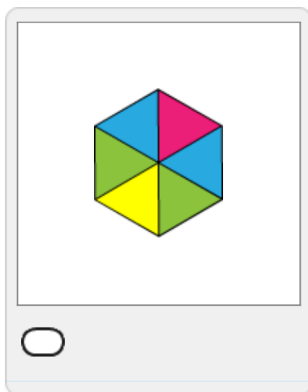
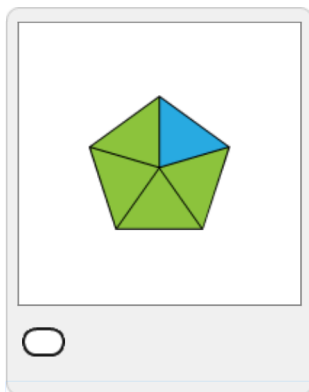
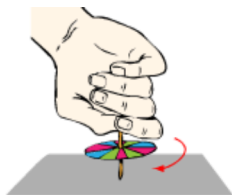
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Question 7 of 16

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Which spinner has a 1 in 4 chance of landing on blue?



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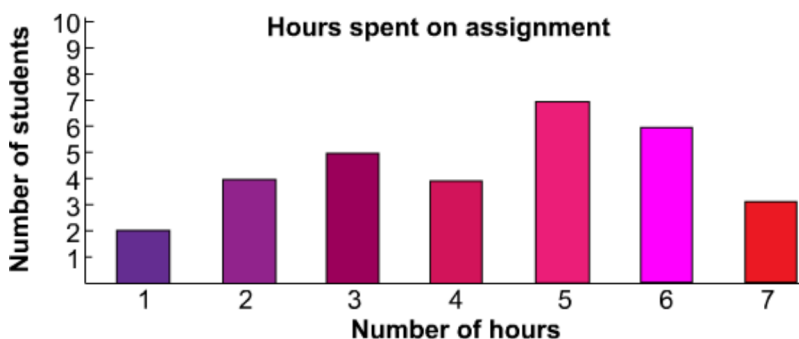
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Question 8 of 16

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Students were asked how many hours they each spent on a particular assignment. The results are shown in the graph.



How many hours in total did the students spend on the assignment?

Please type your answer here...

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Question 9 of 16

Previous

Next

A table was drawn up to show the number of matches needed to build certain numbers of figures.

Number of figures	1	2	3	4	5
Number of matches	3	6	15	30	51

Which rule will give the number of matches required?

☐ Multiply the number of figures by 3.

☐ Square the number of figures and add 2.

☐ Subtract 1 from the number of figures, square the result, add 1 and multiply by 3.

☐ Multiply the number of figures by 6 and subtract 3.

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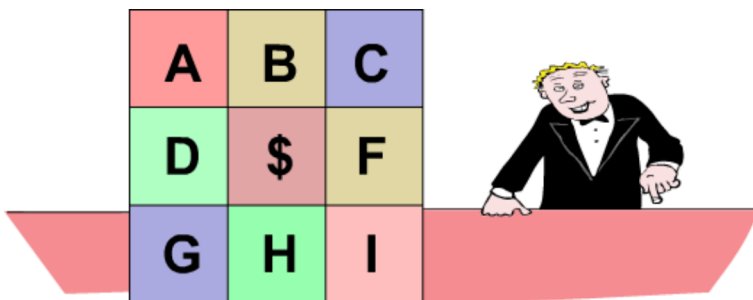
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Question 10 of 16

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On a game show, contestants choose from nine boxes. Three boxes have money prizes, three have other prizes and the remaining three are empty.



One contestant has already chosen box E and won a money prize. Fritz now has a turn. What is his chance of winning a money prize?

☐ 1 in 3

☐ 1 in 4

☐ 3 in 8

☐ 2 in 9

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Numeracy Short Test

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Time Remaining: 00s
18min
19s

Finish Test

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Question 11 of 16

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Ajak has an average (mean) mark of 70 for his last five tests. In his next test he scores 82.

What is his new average?

☐ 72

☐ 74

☐ 76

☐ 78

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Question 12 of 16

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This table shows the value of second-hand cars of a particular make.

Second-hand value of lemon cars					
Model ▼ Year ▶	2004	2005	2006	2007	2008
Hatch	\$13800	\$15220	\$17430	\$18160	\$18795
Medium sedan	\$20050	\$22160	\$23820	\$25150	\$26400
Large sedan	\$23200	\$25850	\$29950	\$33330	\$37050
Wagon	\$21000	\$25800	\$30060	\$36000	\$41560
Luxury	\$37000	\$39500	\$42000	\$47980	\$58235

What is the difference in value of a 2005-model medium sedan and a 2007-model large sedan?

Type the number of dollars in the box below, without any spaces or the \$ sign e.g. 20000 for \$20 000.

Please type your answer here...

Submit

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Time Remaining: 00s
18min 01s

Finish Test

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Question 13 of 16

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Next

A number pattern begins with 2 and goes up by 3 each time.



What is the sum of the first seven numbers in this pattern?

☐ 100

☐ 77

☐ 63

☐ 20

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Time Remaining: 00s
17min 53s

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Question 14 of 16

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These five cards have been dealt to Simone in a game.



If Simone chooses one card at random, what is the chance that it is a red card?

☐ 1 in 5

☐ 1 in 4

☐ 2 in 3

☐ 2 in 5

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Time Allowed:
Time Remaining:

20min
00s
17min
48s

Finish Test

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Question 15 of 16

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A pattern begins with 97 and goes down by 13 each time.

What is the eighth number in this pattern?



Please type your answer here...

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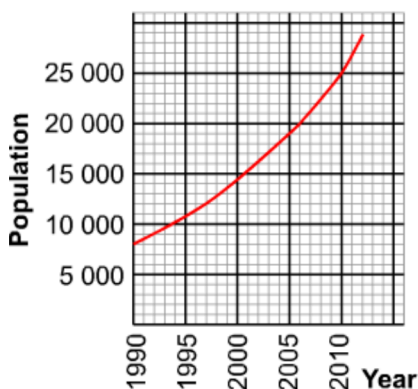
Question 16 of 16

Previous

Finish Test

The graph shows the population of a town over several years.

Population of Boomtown



By how much did the population increase between 1997 and 2006?

☐ 8000

☐ 12"...000

☐ 15"...000

☐ 20"...000

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