

YEAR 7 SAMPLE NUMERACY TEST

Q1

Liam heats his pie in the microwave for a minute and a half.

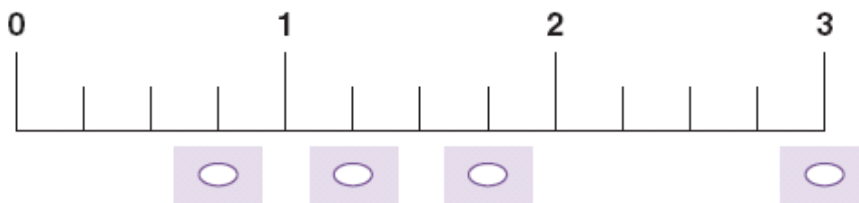
How many **seconds** is this? _____

Write the answer
on the line.



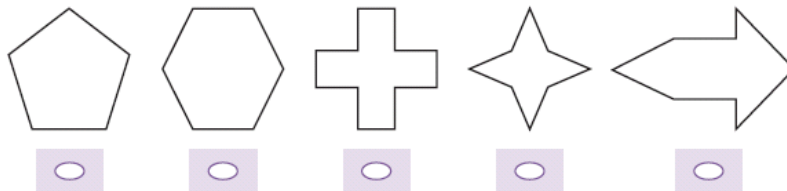
Q2

Shade the bubble that shows one and three-quarters.



Q3

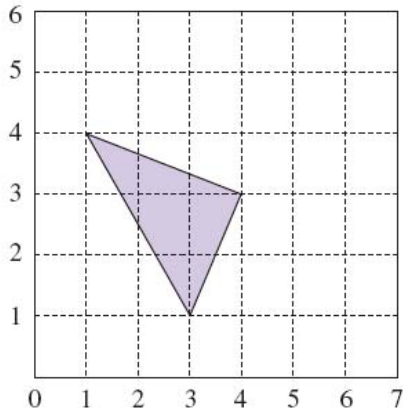
Shade the bubbles under the **octagons**.



Shade as
many bubbles
as you need.



Q4



Marcus drew this shape on a grid.

The coordinates of two of the corners are (3,1) and (4,3).

What are the coordinates of the third corner?

- (1,4)
- (4,1)
- (1,3)
- (3,4)



Q5

Rosie, Sarah and Kevin each buy a shirt and a pair of shoes. All the shoes are the same price.

Total cost	\$63.50	\$82.50	\$75.50
	Rosie	Sarah	Kevin



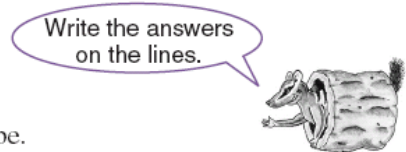
If Rosie's shirt costs \$24.50, how much is Kevin's shirt?

- \$12.00
- \$36.50
- \$39.00
- \$43.50
- \$51.00

Q6

Jake made this square-based pyramid using

8 straws and 5 joiners .



Jake wants to change this square-based pyramid into a cube.

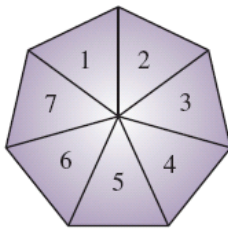
How many **more** straws and joiners will he need to make a cube?

_____ straws

_____ joiners

Q7

Mary spins this spinner once.



Which of the following is **least likely**?

- She will spin an odd number.
- She will spin a number less than three.
- She will spin a five.
- She will spin an even number.

Shade one bubble.



Q8

Three hundred people went to see the movie *Lord of the Rings*.
Fourteen percent of them were adults.

How many **children** went to the movie?

- 286
- 258
- 86
- 42
- 34

Q9

Mrs Adams made up a number pattern rule.
The rule was: **To find the next number, add 1 and double.**

She said, "Start with 3 and use the rule."

Which one shows this pattern?

- 3, 4, 8, 9
- 3, 6, 12, 24
- 3, 8, 18, 38
- 3, 7, 15, 31
- 3, 8, 16, 32

Shade one bubble.



Q10

Which of these gives the greatest result?

- 15×3
- 6×7
- 12×4
- 10×5

Shade one bubble.



Q11

Jane, Meg and Oliver scored 1400 points altogether on a computer game.
Jane has 50 more points than Meg and Meg has 4 times as many points as Oliver.

How many points does Oliver have? _____

Write the answer
on the line.

