

Year 4 Maths Activity Mat

⑥

Section 1

Magic Squares

Create your own Magic Square. The sum of each row, column and diagonal must be the same.

16		

Section 2

A jug holds 720ml of juice.

It is poured equally into 8 glasses. How much juice is in each glass?

Section 3

Draw an irregular pentagon and identify the parallel and perpendicular sides.

Section 4

Write $<$, $=$ or $>$ in each box.

$\frac{1}{2}$		$\frac{5}{12}$
$\frac{3}{8}$		$\frac{7}{16}$

Section 5

Use these numbers to solve the problem:

5 9 12 20 30

Which number is ten times smaller than the second largest number multiplied by itself?

Section 6

Find the pair of numbers with:

A sum of 16 and a product of 48

A sum of 12 and a product of 27

Section 7

What's the answer?

$$(10 \times 10) - (3 \times 5) = \text{[]}$$

$$(7 \times 5) - (6 \times 2) = \text{[]}$$

$$(8 \times 10) - (9 \times 2) = \text{[]}$$

Section 8

Write these pm times in 24-hour digital notation.

Eleven minutes to three.

Twenty four minutes to nine.

Seventeen minutes past eleven.

Year 4 Maths Activity Mat: 6

Answers

Section 1

Magic Squares

Create your own Magic Square. The sum of each row, column and diagonal must be the same.

Accept any reasonable answer.

Section 2

A jug holds 720ml of juice.

It is poured equally into 8 glasses. How much juice is in each glass?

90ml

Section 3

Draw an irregular pentagon and identify the parallel and perpendicular sides.

Accept any reasonable answer.

Section 4

Write $<$, $=$ or $>$ in each box.

$\frac{1}{2}$	$>$	$\frac{5}{12}$
$\frac{3}{8}$	$<$	$\frac{7}{16}$

Section 5

Use these numbers to solve the problem:

5 9 12 20 30

Which number is ten times smaller than the second largest number multiplied by itself?

40

Section 6

Find the pair of numbers with:

A sum of 16 and a product of 48

4, 12

A sum of 12 and a product of 27

3, 9

Section 7

What's the answer?

$$(10 \times 10) - (3 \times 5) =$$

85

$$(7 \times 5) - (6 \times 2) =$$

23

$$(8 \times 10) - (9 \times 2) =$$

62

Section 8

Write these pm times in 24-hour digital notation.

Eleven minutes to three.

14:49

Twenty four minutes to nine.

20:36

Seventeen minutes past eleven.

23:17