Mentals 5:25

Write the date using: ordinal ____ month ____ year ____

1

12 + ☐ = 21	16 + ☐ = 24
23 + ☐ = 30	19 + ☐ = 28
20 − ☐ = 11	23 − ☐ = 18
30 − ☐ = 24	35 − ☐ = 26

2 Use > or < .

0·355 ☐ 0·572 0·376 ☐ 0·369

0·928 ☐ 0·892

3

1 km = ☐ m $\frac{1}{2}$ km = ☐ m

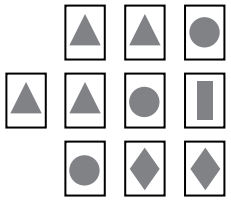
$\frac{1}{4}$ km = ☐ m $\frac{3}{4}$ km = ☐ m

4 Show how each time looks on a 24-hour digital clock face.

10 am ☐ : 4 pm ☐ :

2 am ☐ : 11 pm ☐

5



Write the percentage for the chance of choosing a card with a:

triangle ☐ square ☐

circle ☐ rectangle ☐

rhombus ☐ shape ☐

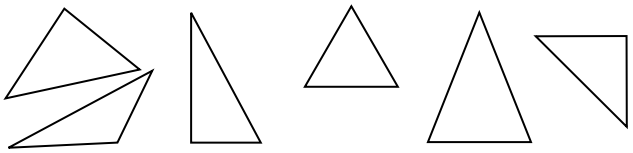
6

7 × 9 ☐	10 × 9 ☐
9 × 9 ☐	3 × 9 ☐
18 ÷ 9 ☐	45 ÷ 9 ☐
72 ÷ 9 ☐	9 ÷ 9 ☐

7

r ☐	r ☐
4) 7 0	6) 9 2

8 Colour the scalene triangles red and the isosceles triangles blue.



9 Round the amounts to the nearest 5c.

$1.59 ☐	$61.43 ☐
$8.54 ☐	$52.08 ☐

10 Write our numeral for:

VIII ☐	XI ☐
XXXII ☐	XL ☐
XC ☐	CCIX ☐
XX ☐	LVI ☐
XIX ☐	LIX ☐

Multiplication and Division

	× 10	× 100	× 1000
0·4			
0·37			
2·623			
0·044			

	÷ 10	÷ 100	÷ 1000
3 576			
81			
1·5			
428·3			

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Roman numerals: 1 is I, 5 is V, 10 is X, 50 is L and 100 is C.

11

$$\begin{array}{r} 634.72 \\ +148.95 \\ \hline \end{array} \qquad \begin{array}{r} 96.247 \\ -31.863 \\ \hline \end{array}$$

12 The multiples of 9 between 50 and 100:

___, ___, ___, ___, ___, ___

13 What is the change from $20 after spending $5.85? ___

14 Draw the next part of the pattern.

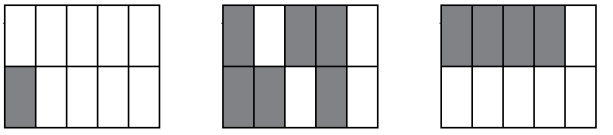
Complete the table.

Picture	1	2	3	4	5	10
number of sides						

Extension

Date: __ . __ . ____

15 If $\frac{1}{5}$ of the shape is worth 8 points, how many points is each shaded part worth?



___ points ___ points ___ points

16 Complete using Roman numerals.

II, IV, VI, VIII, ___, ___

XXXIV + XXVI = ___

C – LXXVII = ___

17 Boxes hold 6 small cakes. How many boxes are needed for 85 cakes? ___

18 To the product of 9 and 6, add 9. ___

Fun and Games

Multiple to and fro

Players: 2 to 4

Need: 1 dice

Aim: To reach 50 first.

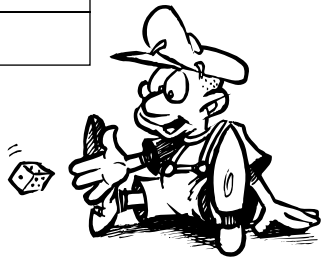
Directions: Players will take turns tossing the dice. Each player chooses two multiples, eg multiples of 3 and 7. If you land on a multiple of 3, move to the next multiple of 3. If you land on a multiple of 7, miss a turn. If you play by yourself, tally your number of throws until you reach the finish.

See if you can reach the finish in fewer than 10 tosses.

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	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

finish

Tally:



Maths Builder Year 5
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