

Maths Zone 8

by

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Introduction

This book is a pupil's textbook. It is for the student learning maths with the help of the Resource or Learning Support Teacher. It is part of the MATHS ZONE series which consists of 8 pupils' books numbered 1 to 8. The books should be worked through in sequence beginning at the appropriate level for the child. A pupil may complete more than one book a year.

The aim of this series is to give the pupils the language and hands-on experience through which they can interpret, analyse, describe, make predictions, estimate and solve the common mathematical problems of everyday living. The emphasis is on clear structured steps and consolidation of learning.

Topics covered in Book 8 include:

Number:

Large Numbers, Operations, Fractions, Decimals, Percentages, Number Theory

Algebra:

Directed numbers, Equations

Shape and Space:

2-D shapes and 3-D Shapes, Lines and Angles

Measures:

Length, Area, Weight, Capacity, Time, Money

Data:

Representing and Interpreting data, Chance

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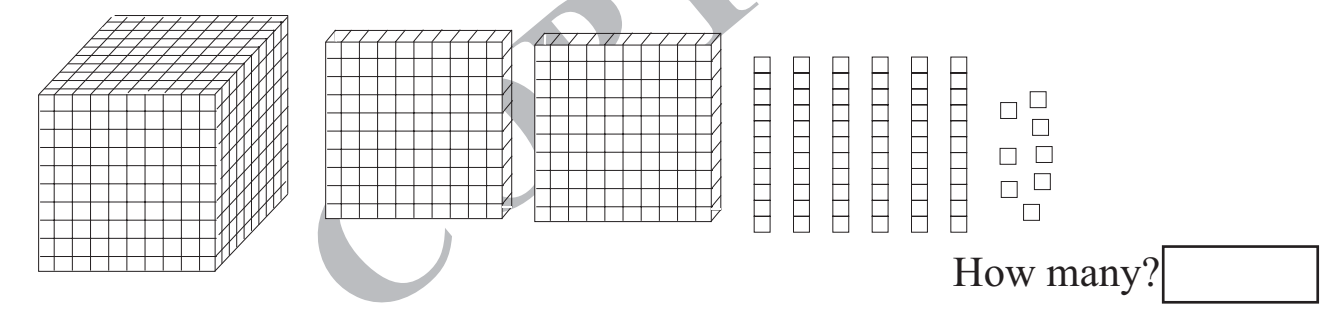
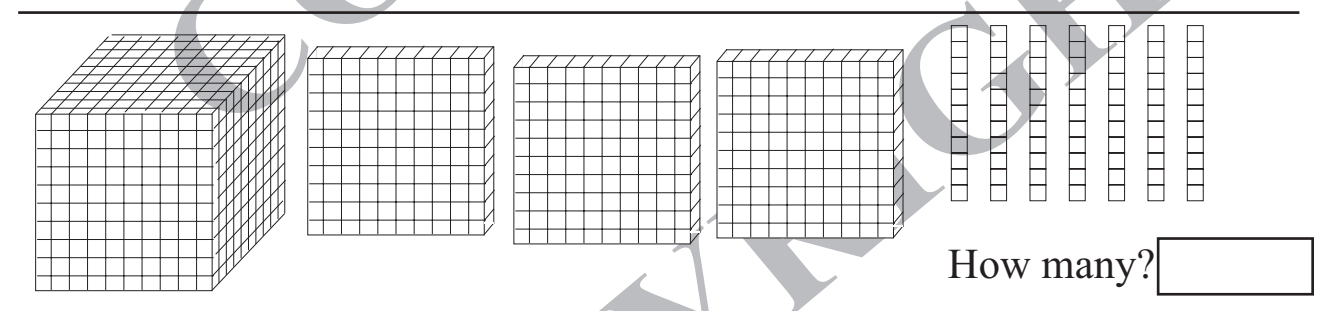
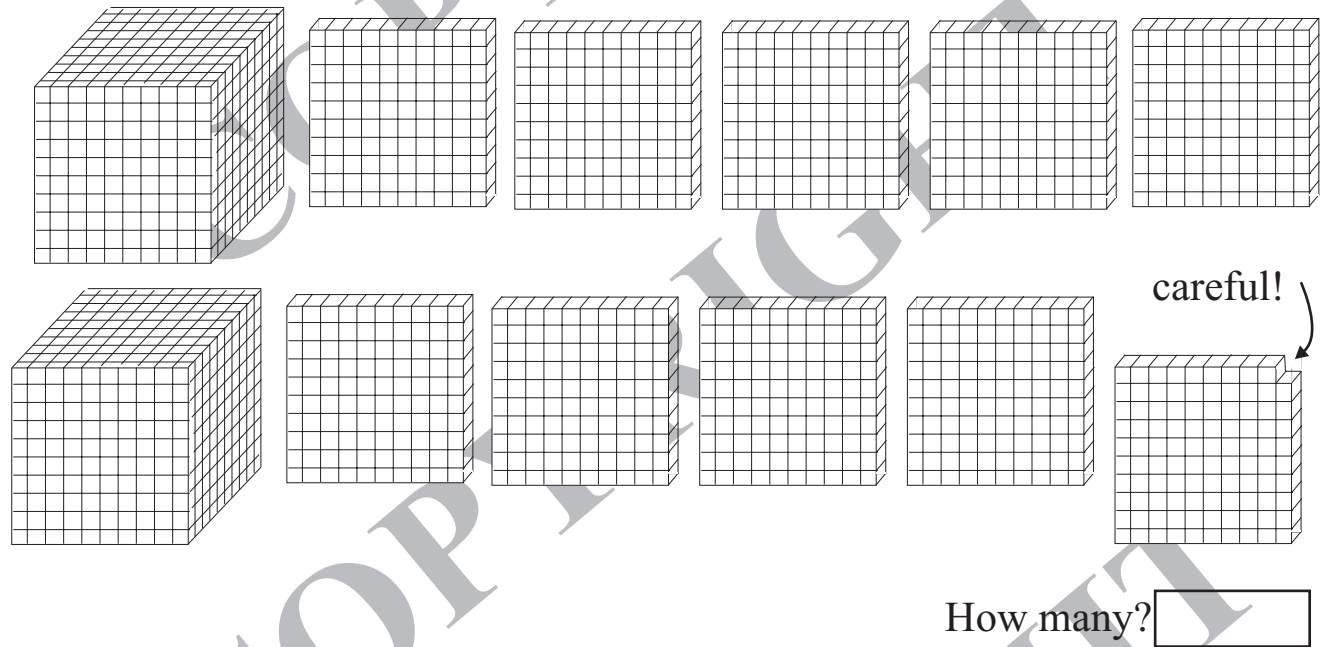
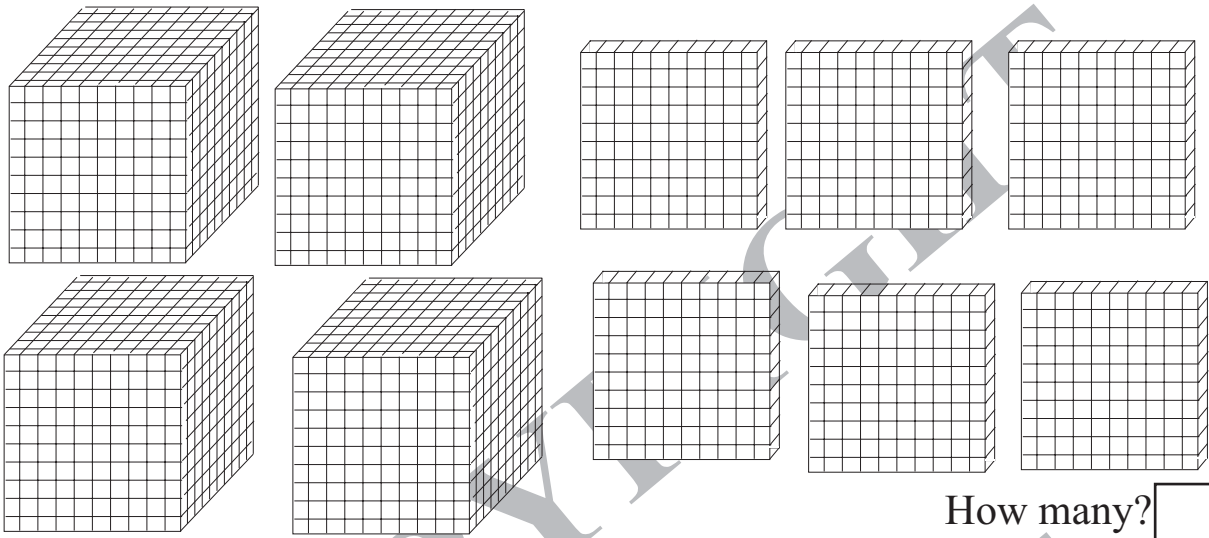
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Money

Change to cent

Remember 100 cent = €1

$$€7.00 = \boxed{700} \text{ cent}$$

$$€4.30 = \boxed{} \text{ cent}$$

$$€7.50 = \boxed{} \text{ cent}$$

$$€3.20 = \boxed{} \text{ cent}$$

$$€5.00 = \boxed{} \text{ cent}$$

$$€5.01 = \boxed{} \text{ cent}$$

$$€5.25 = \boxed{} \text{ cent}$$

$$€4.10 = \boxed{} \text{ cent}$$

$$€6.10 = \boxed{} \text{ cent}$$

$$€6.01 = \boxed{} \text{ cent}$$

$$€2.50 = \boxed{} \text{ cent}$$

$$€4.25 = \boxed{} \text{ cent}$$

$$€2.25 = \boxed{} \text{ cent}$$

$$€5.50 = \boxed{} \text{ cent}$$

$$€3.50 = \boxed{} \text{ cent}$$

$$€6.50 = \boxed{} \text{ cent}$$

$$€3.25 = \boxed{} \text{ cent}$$

$$€6.25 = \boxed{} \text{ cent}$$

Use €

$$135 \text{ c} = \boxed{€ 1.35}$$

$$245 \text{ c} = \boxed{}$$

$$120 \text{ c} = \boxed{}$$

$$450 \text{ c} = \boxed{}$$

$$140 \text{ c} = \boxed{}$$

$$215 \text{ c} = \boxed{}$$

$$250 \text{ c} = \boxed{}$$

$$355 \text{ c} = \boxed{}$$

$$225 \text{ c} = \boxed{}$$

$$230 \text{ c} = \boxed{}$$

$$350 \text{ c} = \boxed{}$$

$$330 \text{ c} = \boxed{}$$

$$325 \text{ c} = \boxed{}$$

$$550 \text{ c} = \boxed{}$$

Multiples

Shade the multiples of 4.

71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Shade the multiples of 5.

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

Shade the multiples of 7.

41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70

Shade the multiples of 6.

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

Shade the multiples of 10.

51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80

Shade the multiples of 3.

61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90

Shade the multiples of 9.

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

Shade the multiples of 8.

31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60

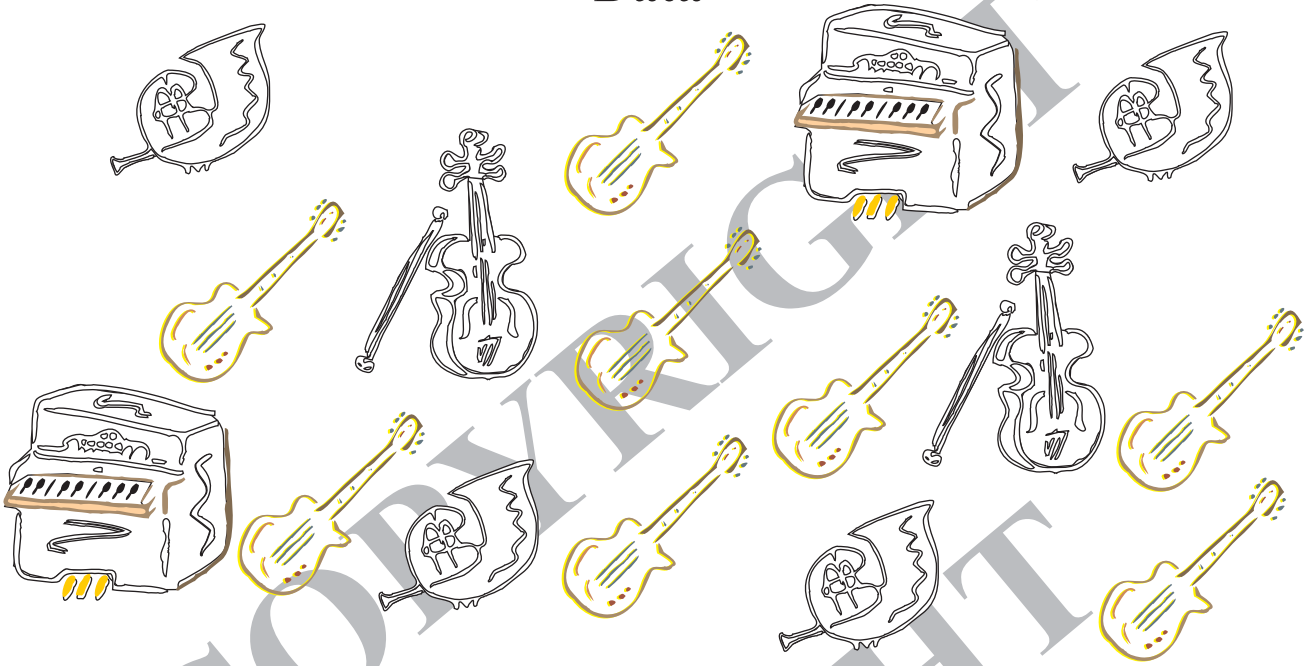
Shade the multiples of 2.

61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90

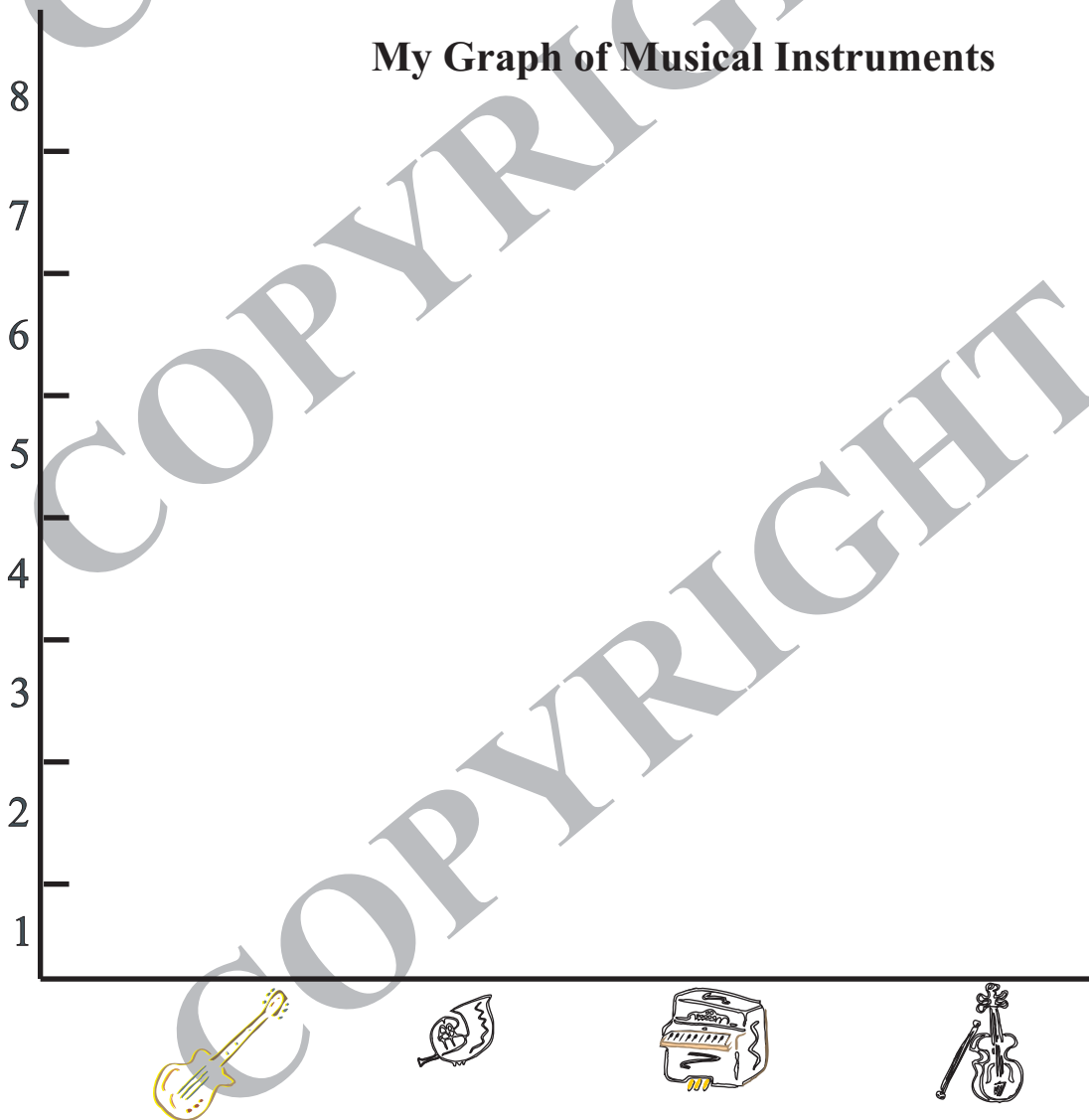
Shade the multiples of 11.

71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Data



Make a graph of the musical instruments shown above.



Percentages

In a spelling test if you get 9 out of 10 correct it may be written as $\frac{9}{10}$. It can also be written as 90%.

$$\frac{10}{10} = 100\%$$

$$\frac{4}{10} = \boxed{}\%$$

$$\frac{1}{10} = \boxed{}\%$$

$$\frac{6}{10} = \boxed{}\%$$

$$\frac{3}{10} = \boxed{}\%$$

$$\frac{8}{10} = \boxed{}\%$$

$$\frac{5}{10} = \boxed{}\%$$

$$\frac{2}{10} = \boxed{}\%$$

$$\frac{7}{10} = \boxed{}\%$$

In a test of 20 spellings students scored the following percentages. How many did each student get correct out of 20?

Show your work

$$50\% = \frac{10}{20}$$

$$40\% = \text{---}$$

$$75\% = \text{---}$$

$$90\% = \text{---}$$

$$20\% = \text{---}$$

$$80\% = \text{---}$$

$$30\% = \text{---}$$

$$60\% = \text{---}$$