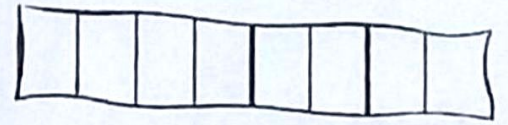
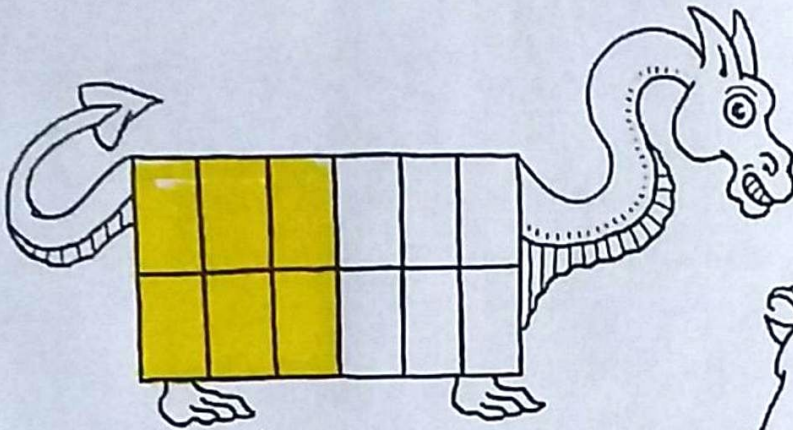


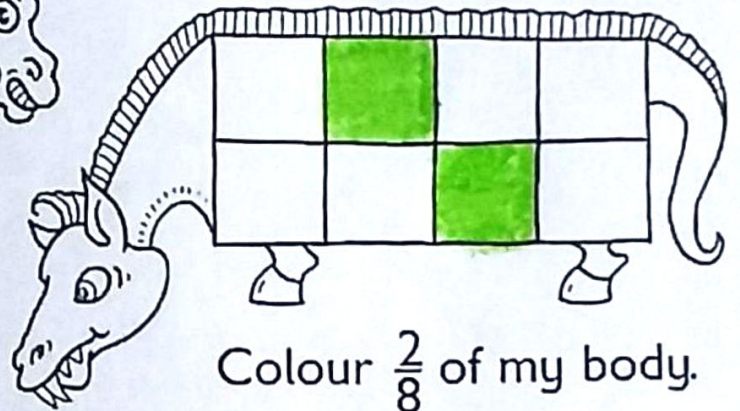
Fractions



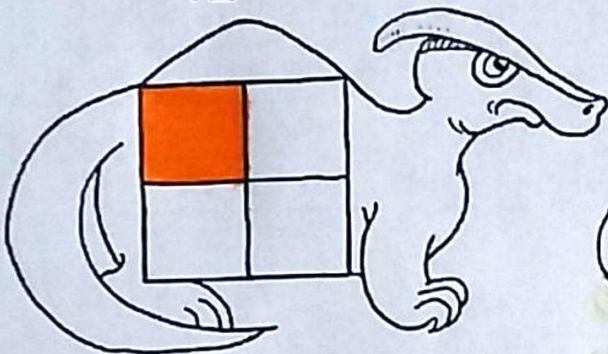
Colour the correct portion of each monster's body.



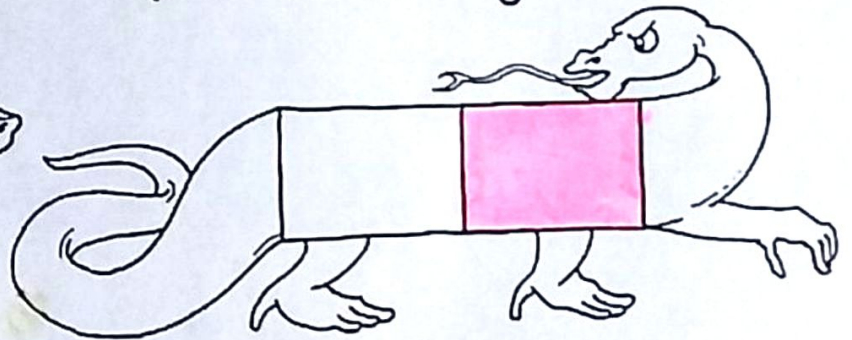
Colour $\frac{6}{12}$ of my body.



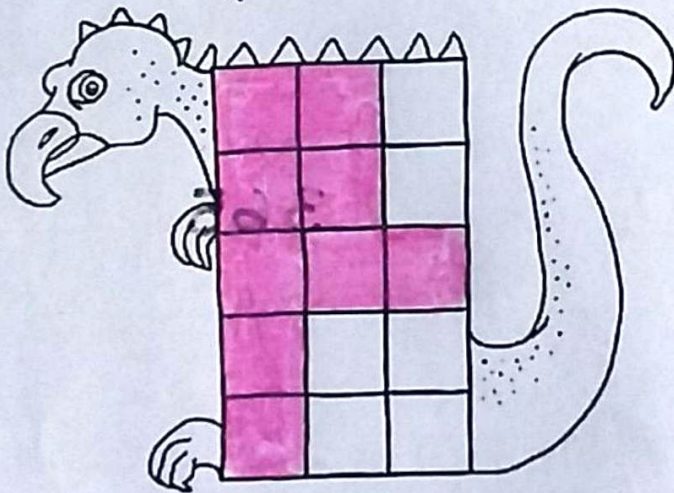
Colour $\frac{2}{8}$ of my body.



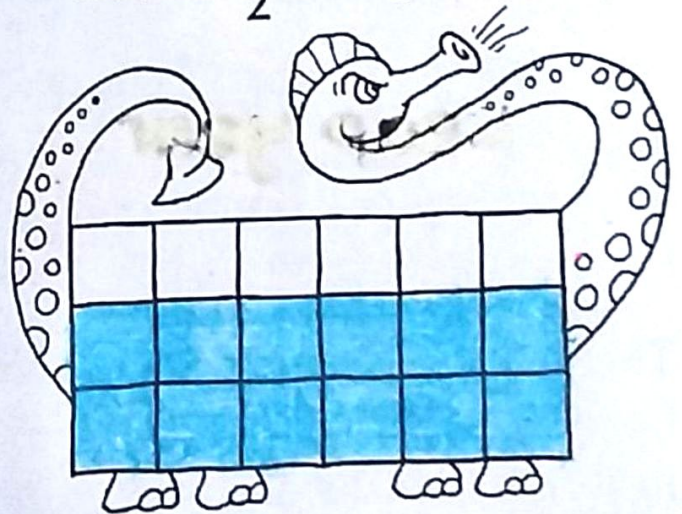
Colour $\frac{1}{4}$ of my body.



Colour $\frac{1}{2}$ of my body.

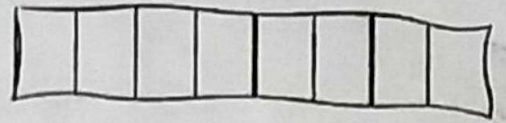


Colour $\frac{9}{15}$ of my body.



Colour $\frac{12}{18}$ of my body.

Months of the year



Look at this chart. What information does it show you?

January	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
February	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			
March	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
April	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	
May	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
June	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	
July	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
August	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
September	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	
October	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
November	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	
December	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

How many months have 30 days? 4

How many months have 31 days? 7

Every 4th year, February has 29 days. What do we call this year? Leap year

When is the next leap year? 2024

How many days are there in a non-leap year? 365

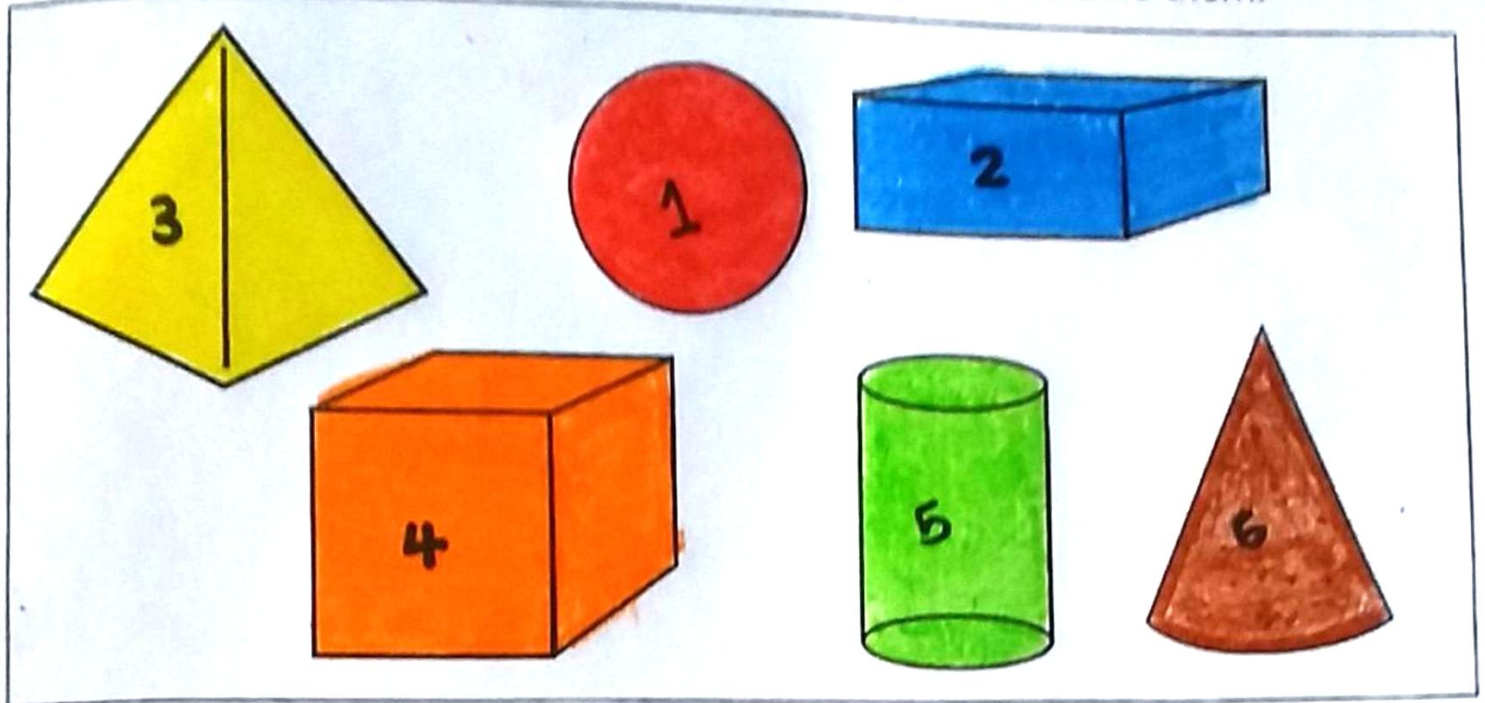
The public holidays are shaded in grey. How many public holidays are there? 13

In which months are there 3 public holidays? April, December.

In which months are there no public holidays? February,
 • July
 • October
 • November.

3D Shapes

1. Look at the following 3D shapes and see if you can name them.



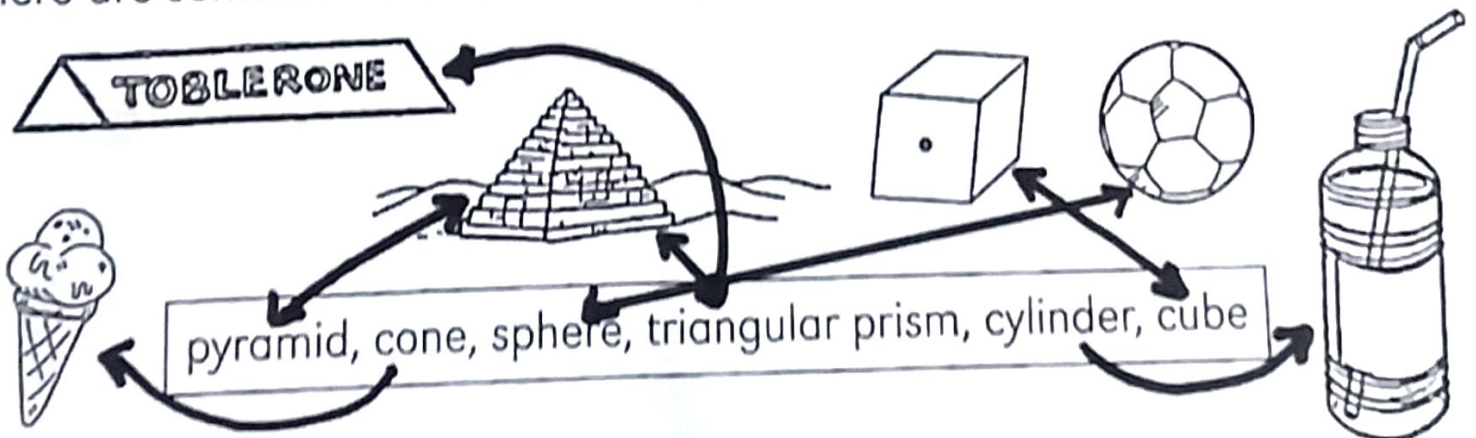
2. Number each of the above 3D shapes according to the following numbers.

- | | |
|-----------------------|--------------|
| 1. Spheres | 4. Cubes |
| 2. Rectangular Prisms | 5. Cylinders |
| 3. Pyramids | 6. Cones |

3. Colour the above 3D shapes according to these colours:

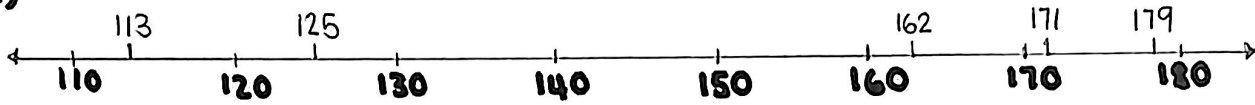
- | | |
|------------------------------|----------------------|
| 1. Spheres - red | 4. Cubes - orange |
| 2. Rectangular Prisms - blue | 5. Cylinders - green |
| 3. Pyramids - yellow | 6. Cones - brown |

Here are some three-dimensional objects. Match the names to the objects.

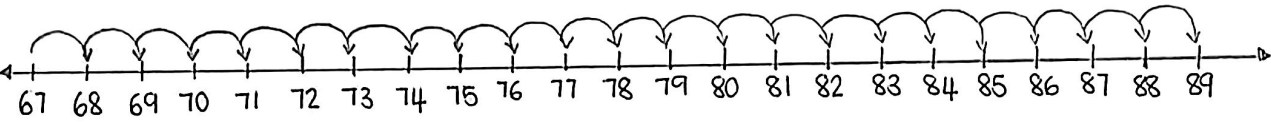


Addition and subtraction

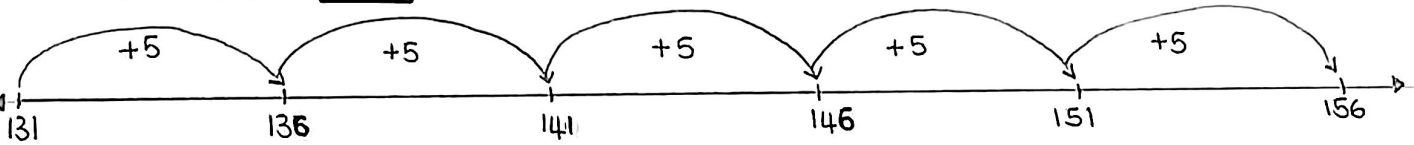
A)



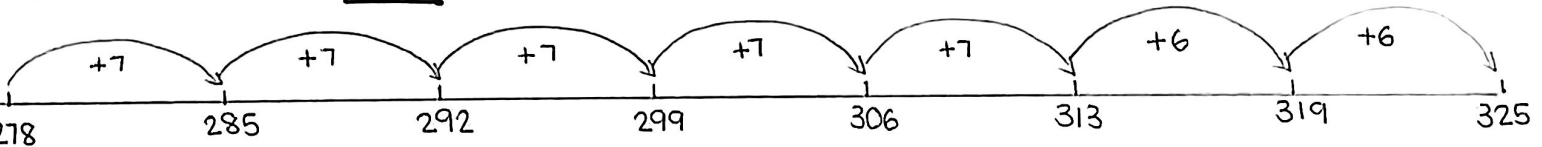
B) 1. $68 + 21 = \underline{89}$



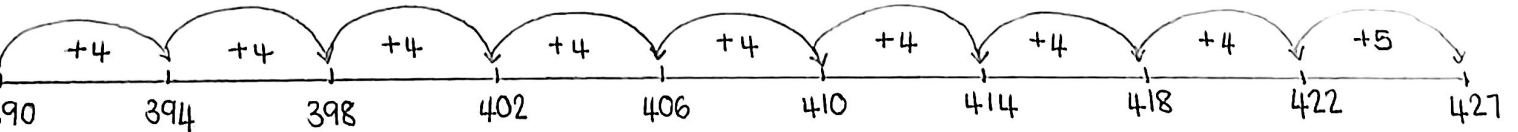
2. $131 + 25 = \underline{156}$



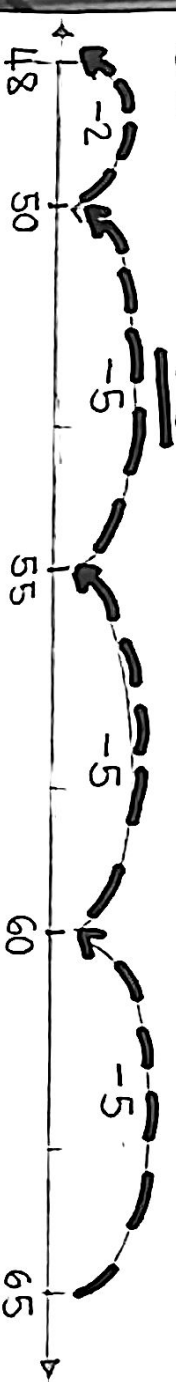
3. $278 + 47 = \underline{325}$



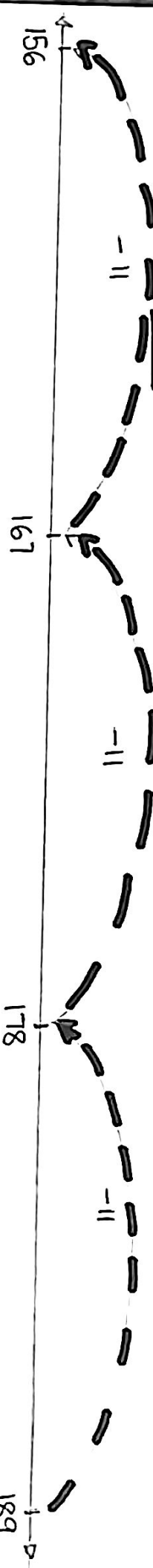
4. $390 + 37 = \underline{427}$



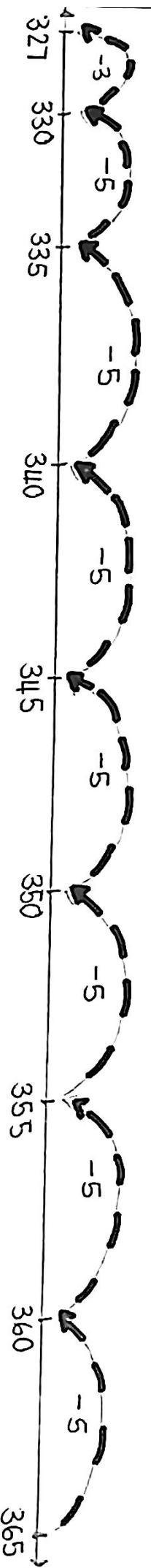
$$65 - 17 = \underline{48}$$



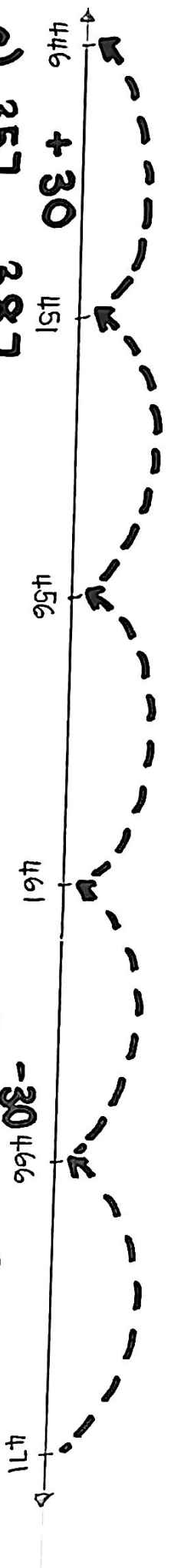
$$189 - 33 = \underline{156}$$



$$365 - 38 = \underline{327}$$



$$471 - 25 = \underline{446}$$



c) $357 + 30 = 387$

$$\begin{array}{r} 357 \\ + 30 \\ \hline 387 \end{array}$$

$$\begin{array}{r} 692 \\ + 895 \\ \hline 1587 \end{array}$$

$$\begin{array}{r} 865 \\ + 788 \\ \hline 1653 \end{array}$$

$$\begin{array}{r} 788 \\ + 818 \\ \hline 1606 \end{array}$$

$$519 - 30 = 489$$

$$\begin{array}{r} 519 \\ - 30 \\ \hline 489 \end{array}$$

$$\begin{array}{r} 941 \\ - 434 \\ \hline 507 \end{array}$$

$$\begin{array}{r} 434 \\ - 226 \\ \hline 208 \end{array}$$

$$921 - 404 = 517$$

$$\begin{array}{r} 921 \\ - 404 \\ \hline 517 \end{array}$$

$$\begin{array}{r} 404 \\ - 196 \\ \hline 208 \end{array}$$

$$\begin{array}{r} 404 \\ - 196 \\ \hline 208 \end{array}$$

Mental strategies

A. Use your number grid to help you work out the following sums.

Remember: find the biggest number and then count forwards or count backwards. Underline the bigger number in red.

1. $851 + 23 = \underline{874}$

2. $14 + 750 = \underline{764}$

3. $1000 - 28 = \underline{972}$

4. $904 - 31 = \underline{873}$

5. What number is 12 more than 659 671

6. Take 13 away from 971 958

7. What number is 23 less than 694 671

8. Add 33 to 967 1000

9. Find the number that is 19 less than 953 934

10. Find the number that is 17 more than 784 801

B. Match your answers to a letter and see what the mystery phrase is.

a	b	c	d	e	f	g	h	i	j	k	l	m
764	18	21	54	63	1000	98	873	958	47	541	79	874

n	o	p	q	r	s	t	u	v	w	x	y	z
801	76	431	542	89	671	972	934	3	925	700	90	891

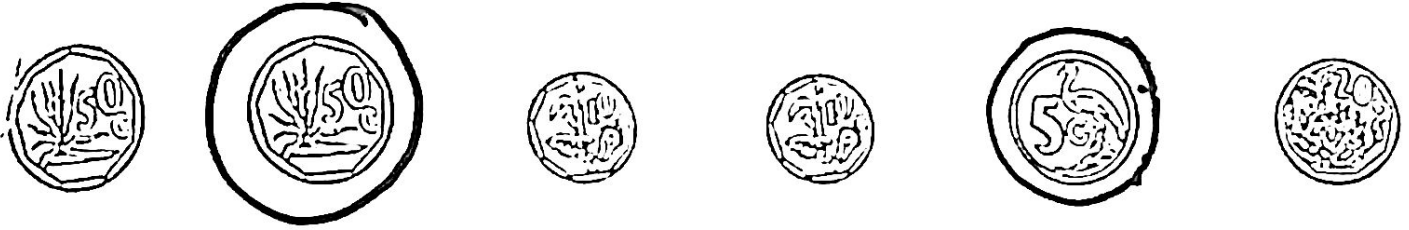
m a t h s i s f u n i

1 2 3 4 5 6 7 8 9 10

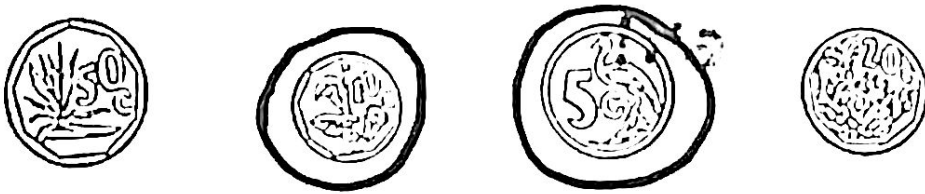
Money

Circle the correct coins.

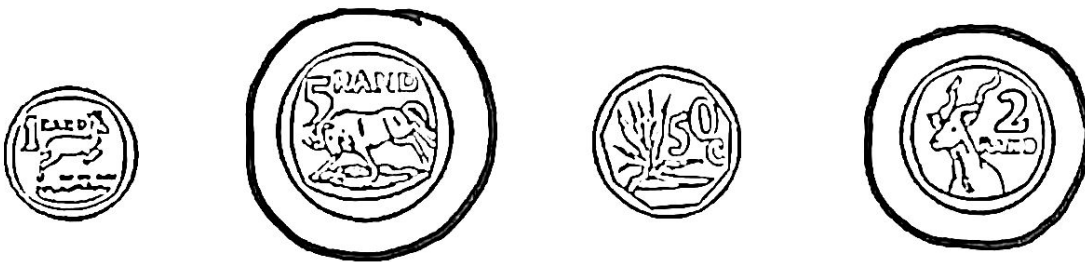
1. I bought sweets for 55c. Which of the following coins would I use to pay for my sweets?



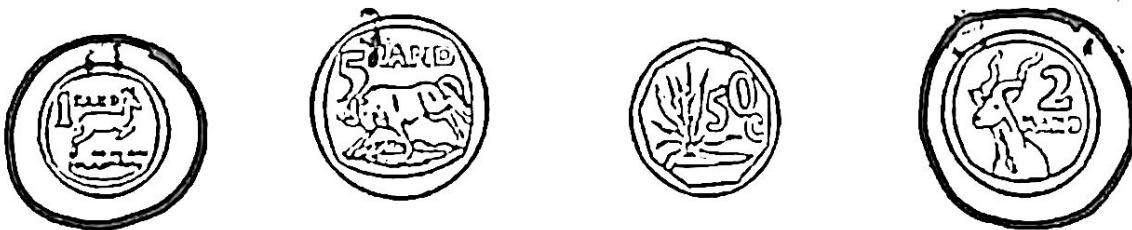
2. If I bought sweets for 55c and I paid with a 50 cent coin and a 20 cent coin, which coins would I get as change?



3. I bought an ice-cream for R7. Which of the following coins would I use to pay for my ice-cream?



4. If I bought an ice-cream for R7 and I paid with a R10 note, which coins would I get as change?



Date: 2020-05-26.

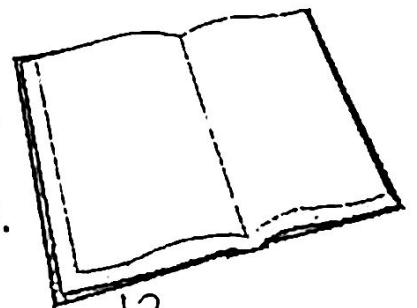
Fill in the signs.

a] $13 \underline{-} 5 = 8$

b] $13 \underline{+} 0 = 13$

$13 - \underline{10} = 3$	$5 + 8 = 13$	$13 - 2 = 11$
$\underline{11} + 2 = 13$	$13 - \underline{12} = 1$	$\underline{9} + 4 = 13$
$\underline{1} + 12 = 13$	$\underline{6} + 7 = 13$	$\underline{8} + 5 = 13$
$13 - 7 = 6$	$13 - \underline{9} = 4$	$4 + 9 = 13$
$\underline{2} + 11 = 13$	$13 - 5 = 8$	$13 - \underline{2} = 11$
$13 - \underline{3} = 10$	$\underline{7} + 6 = 13$	$13 - 8 = 5$
$\underline{12} + 1 = 13$	$13 - \underline{4} = 9$	$13 - \underline{6} = 7$
$13 - 9 = 4$	$0 + 13 = 13$	$\underline{13} + 0 = 13$

1. Jabulile's book has 40 pages. She has read 22 pages. How many pages must she still read? 18



2. There are 31 days in January.

3. What is the sum of 7 and 5? 12

4. Peter arrived at 9 o'clock and left at 5 o'clock. He stayed for 8 hours hours?

Fill in the missing numbers.

400 410 420 430 440 450 460

375 385 395 405 415 425 435

642 652 662 672 682 692 702

923 913 903 893 883 873 863

844 834 824 814 804 794 784

1.
$$\begin{array}{r} \overset{1}{6}2 \\ + 566 \\ \hline 628 \end{array}$$

2.
$$\begin{array}{r} \overset{1}{3}84 \\ + 860 \\ \hline 1244 \end{array}$$

3.
$$\begin{array}{r} \overset{1}{9}83 \\ + 447 \\ \hline 1430 \end{array}$$

4.
$$\begin{array}{r} 210 \\ + 40 \\ \hline 250 \end{array}$$

5.
$$\begin{array}{r} \overset{1}{9}98 \\ + 658 \\ \hline 1656 \end{array}$$

6.
$$\begin{array}{r} \overset{1}{8}9 \\ + 678 \\ \hline 767 \end{array}$$

7.
$$\begin{array}{r} 832 \\ + 550 \\ \hline 1382 \end{array}$$

8.
$$\begin{array}{r} 413 \\ 23 \\ \hline 436 \end{array}$$

9.
$$\begin{array}{r} \overset{1}{9}95 \\ + 818 \\ \hline 1813 \end{array}$$

10.
$$\begin{array}{r} \overset{1}{2}56 \\ + 44 \\ \hline 300 \end{array}$$

11.
$$\begin{array}{r} 71 \\ + 471 \\ \hline 542 \end{array}$$

12.
$$\begin{array}{r} 478 \\ + 595 \\ \hline \end{array}$$

13.
$$\begin{array}{r} \overset{1}{6}9 \\ + 945 \\ \hline 1014 \end{array}$$

14.
$$\begin{array}{r} 420 \\ + 951 \\ \hline 1371 \end{array}$$

15.
$$\begin{array}{r} 708 \\ + 511 \\ \hline 1219 \end{array}$$

16.
$$\begin{array}{r} 254 \\ + 432 \\ \hline 686 \end{array}$$

17.
$$\begin{array}{r} \overset{1}{6}48 \\ + 686 \\ \hline 1354 \end{array}$$

18.
$$\begin{array}{r} 702 \\ + 847 \\ \hline 1549 \end{array}$$

19.
$$\begin{array}{r} 115 \\ + 453 \\ \hline 568 \end{array}$$

20.
$$\begin{array}{r} \overset{1}{0}1 \\ 89 \\ \hline 790 \end{array}$$

2 more and 2 less.

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
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
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

2 more than 89 91

2 more than 189 191

2 less than 89 87

2 less than 189 187

2 more than 47 49

2 more than 147 149

2 less than 47 45

2 less than 147 145

2 more than 101 103

2 more than 201 203

2 less than 101 99

2 less than 201 199

2 more than 179 181

2 more than 279 281

2 less than 179 177

2 less than 279 277

$$\text{Double } 12 = \text{double } 10 + \text{double } 2 = 20 + 4 = 24$$

$$\text{Double } 17 = \text{double } \underline{10} + \text{double } \underline{7} = \underline{20} + \underline{14} = \underline{34}$$

$$\text{Double } 21 = \text{double } \underline{20} + \text{double } \underline{1} = \underline{40} + \underline{2} = \underline{42}$$

$$\text{Double } 14 = \text{double } \underline{10} + \text{double } \underline{4} = \underline{20} + \underline{8} = \underline{28}$$

$$\text{Double } 18 = \text{double } \underline{10} + \text{double } \underline{8} = \underline{20} + \underline{16} = \underline{36}$$

$$\text{Double } 23 = \text{double } \underline{20} + \text{double } \underline{3} = \underline{40} + \underline{6} = \underline{46}$$

$$\text{Half of } 76 = \text{half of } \overline{70} + \text{half of } \overline{6} = \overline{35} + \overline{3} = \overline{38}$$

$$\text{Half of } 88 = \text{half of } \overline{80} + \text{half of } \overline{8} = \overline{40} + \overline{4} = \overline{44}$$

$$\text{Half of } 92 = \text{half of } \overline{90} + \text{half of } \overline{2} = \overline{45} + \overline{1} = \overline{46}$$

$$\text{Half of } 104 = \text{half of } \overline{100} + \text{half of } \overline{4} = \overline{50} + \overline{2} = \overline{52}$$

$$\text{Half of } 110 = \text{half of } \overline{100} + \text{half of } \overline{10} = \overline{50} + \overline{5} = \overline{55}$$

FRACTION WORD PROBLEMS.

Gilly and Luke went to the school library one fine morning. They planned to read books during winter.

1. Gilly found 15 books on fairy tales. Gilly borrowed 3. What fraction of the books on fairy tales did she borrow?

$$= \frac{3}{15}$$

2. Gilly found 15 books on underwater life and brought 7 of these to the table. What fraction of the books on underwater life did she bring to the table?

$$= \frac{7}{15}$$

3. Luke saw 9 books about the Solar System and its 9 planets. These were thick books and so he thought that 2 of these would be enough. What fraction of the solar system books did he borrow?

$$= \frac{2}{9}$$

4. Luke also checked out books about land and sea animals. They were 20 books on land animals and 4 books on sea animals. He chose to borrow 7 books on animals. What fraction of the books on animals did Luke borrow?

$$20 + 4 = 24 \text{ books.}$$

$$= \frac{7}{24}$$