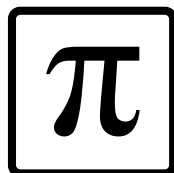


Milestone Maths
by
Kathy Gonzalez

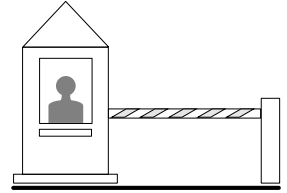
Student Book
Level C3



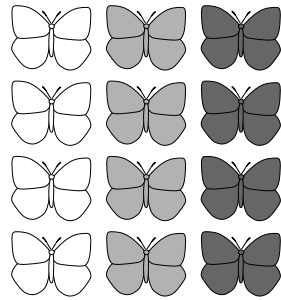
Milestone

Lesson 92

CHECKPOINT 11



Write two addition equations about the picture and solve them to find the total number of butterflies.



Use skip counting to solve the sums:

$$10 + 10 + 10 = \underline{\hspace{2cm}}$$

$$5 + 5 + 5 + 5 + 5 + 5 = \underline{\hspace{2cm}}$$

$$2 + 2 + 2 + 2 + 2 = \underline{\hspace{2cm}}$$

$$2 + 2 + 2 + 2 + 2 + 2 + 2 = \underline{\hspace{2cm}}$$

$$5 + 5 + 5 + 5 + 5 = \underline{\hspace{2cm}}$$

$$10 + 10 + 10 + 10 + 10 = \underline{\hspace{2cm}}$$

Write a multiplication for each sum then use Sumstix to solve:

$$4 + 4 + 4 + 4 + 4 + 4 = \underline{\hspace{3cm}} = \underline{\hspace{2cm}}$$

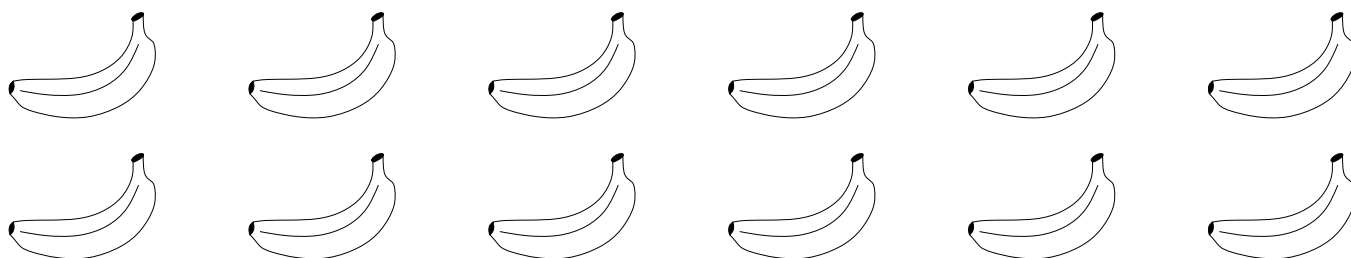
$$5 + 5 + 5 = \underline{\hspace{3cm}} = \underline{\hspace{2cm}}$$

$$8 + 8 + 8 + 8 + 8 = \underline{\hspace{3cm}} = \underline{\hspace{2cm}}$$

$$7 + 7 + 7 = \underline{\hspace{3cm}} = \underline{\hspace{2cm}}$$

$$6 + 6 + 6 + 6 = \underline{\hspace{3cm}} = \underline{\hspace{2cm}}$$

Share 12 banana between three monkeys. How many bananas does each monkey get?

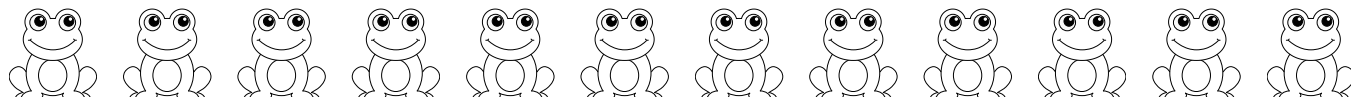


Each Monkey gets _____ bananas.

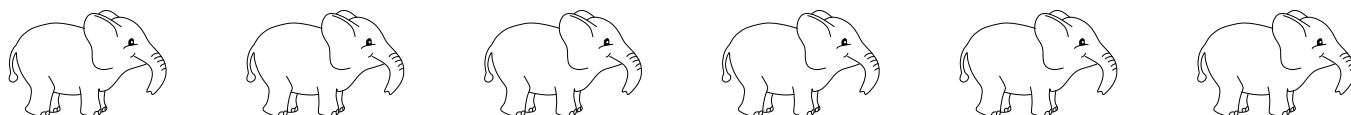
Count and write the number of animals in each row. Then draw circles to make groups of three and write how many groups you made.



How many birds? _____ How many groups? _____



How many frogs? _____ How many groups? _____



How many elephants? _____ How many groups? _____

Solve with Sumstix:

$$9 \times 4 = \underline{\hspace{2cm}}$$

$$2 \times 4 = \underline{\hspace{2cm}}$$

$$50 \div 10 = \underline{\hspace{2cm}}$$

$$5 \times 10 = \underline{\hspace{2cm}}$$

$$32 \div 8 = \underline{\hspace{2cm}}$$

$$12 \div 4 = \underline{\hspace{2cm}}$$

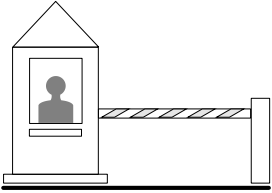
$$6 \times 5 = \underline{\hspace{2cm}}$$

$$20 \div 5 = \underline{\hspace{2cm}}$$

$$40 \div 8 = \underline{\hspace{2cm}}$$

Lesson 96

CHECKPOINT TWELVE



Write the value of each note or coin.



Use skip counting to find how much money is in each row.

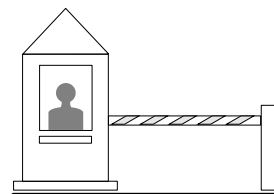
c\$c\$

Skip count and write a sum to find how much money is shown in the picture.



Lesson 104

CHECKPOINT 13

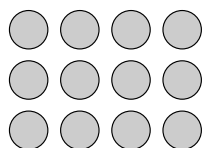


The picture below shows how Julie is using a multiplication table to solve a multiplication problem. Write an equation that shows the problem she might be solving.

×	1	2	3	4	5	6	7	8
1	1	2	3	4	5	6	7	8
2	2	4	6	8	10	12	14	16
3	3	6	9	12	15	18	21	24
4	4	8	12	16	20	24	28	32
5	5	10	15	20	25	30	35	40

Julie's problem might be:

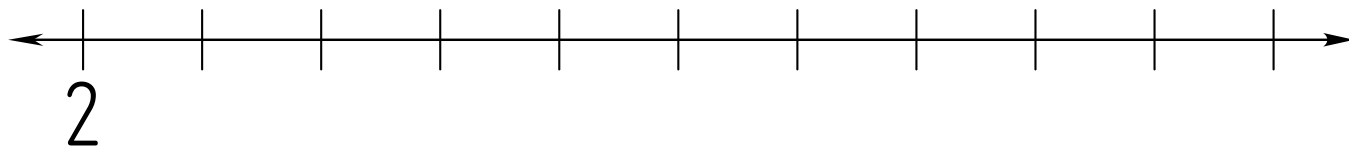
Write the two multiplication equations that describe the picture.



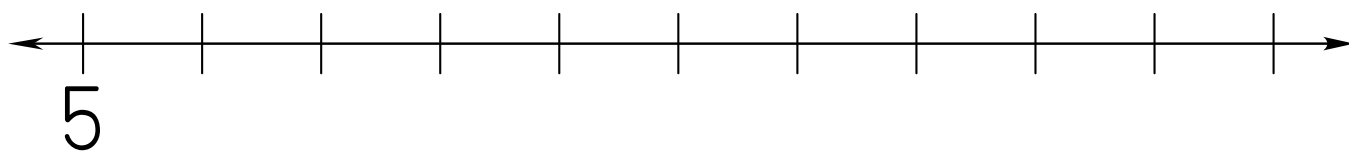
Build and draw a Sumstix pattern to show how the two equations below have the answer.

$$2 \times 6 = 12 \quad 6 \times 2 = 12$$

Count by twos:



Count by fives:



Use the skip counting patterns above to help write out the two and five times tables.

$$1 \times 2 =$$

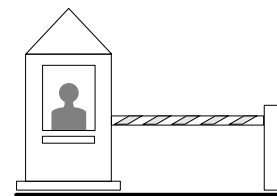
$$2 \times 2 =$$

$$1 \times 5 =$$

$$2 \times 5 =$$

Lesson 112

CHECKPOINT 14



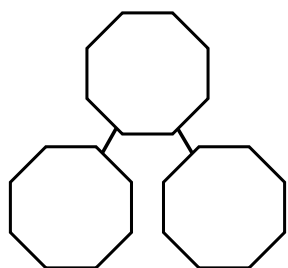
Find the doubles.

double 27 = _____ double 19 = _____ double 16 = _____

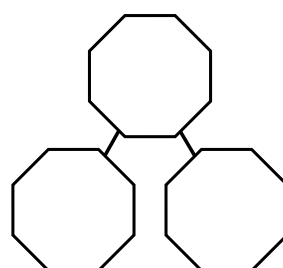
double 20 = _____ double 34 = _____ double 38 = _____

double 24 = _____ double 45 = _____ double 33 = _____

Fill in the number bond to match the problem and then use Sumstix to find the missing number.



$\frac{1}{2}$ of 24 = _____



$\frac{1}{2}$ of 18 = _____

Find half of the following numbers.

$\frac{1}{2}$ of 20 = _____

$\frac{1}{2}$ of 40 = _____

$\frac{1}{2}$ of 2 = _____

$\frac{1}{2}$ of 90 = _____

$\frac{1}{2}$ of 16 = _____

$\frac{1}{2}$ of 50 = _____

$\frac{1}{2}$ of 30 = _____

$\frac{1}{2}$ of 18 = _____

Fill in the blanks.

An even number ends with, _____, _____, _____, _____ or _____.

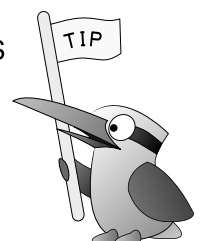
RIDDLE

When is a river like the letter T?

Colour the even numbered squares blue and the odd numbered squares yellow to find the answer.

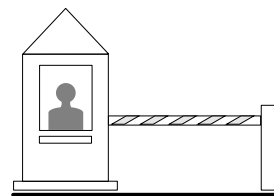
117	6	189	67	128	27	169	120	153	32	159	91	182	191	10	196	148	181	44	183	75	33	22	175
199	44	177	104	191	178	159	40	157	84	87	127	180	161	86	109	63	191	178	118	141	155	54	135
43	18	181	182	63	62	161	28	73	18	4	6	192	167	92	168	91	171	16	97	58	199	152	155
17	90	151	158	23	46	17	152	119	198	167	147	24	139	70	147	61	17	166	27	67	186	80	63
119	61	142	187	87	119	22	33	39	64	119	67	82	101	76	104	88	151	182	149	181	97	102	45
169	159	45	31	141	147	59	99	9	107	103	171	107	187	97	195	129	89	141	33	155	199	109	185
49	43	127	156	9	127	11	98	127	165	70	198	139	135	116	59	89	108	27	27	167	171	151	91
141	165	97	120	19	163	33	180	189	130	199	11	44	111	138	153	41	36	195	113	119	41	45	21
69	119	199	123	72	21	174	171	113	4	49	11	58	25	172	95	119	58	161	167	157	17	117	29
117	79	139	41	193	166	177	137	37	114	127	157	70	141	14	179	197	34	71	173	45	81	127	111
55	63	5	191	197	190	199	171	19	87	196	80	39	57	81	76	60	113	143	19	131	177	189	123
167	85	73	135	37	91	185	55	179	145	109	27	43	147	175	195	85	73	87	21	97	43	99	141
164	104	46	156	165	72	166	168	53	81	191	116	30	7	3	62	32	120	122	35	12	192	130	78
86	85	39	188	103	112	171	177	100	171	36	87	95	144	143	86	63	53	157	143	96	63	167	129
110	165	159	137	17	130	27	21	116	159	176	75	171	88	193	153	68	158	51	151	39	126	16	155
92	125	91	176	139	86	142	84	167	153	162	179	57	20	19	199	109	83	138	139	127	7	167	186
118	24	112	92	21	70	101	157	10	79	197	126	68	25	179	50	172	58	178	111	24	86	68	138
193	163	133	31	169	109	191	97	113	7	133	185	139	115	113	165	17	33	123	117	127	17	173	171
127	39	33	71	113	11	177	112	158	48	141	136	198	122	113	11	93	33	9	155	83	119	183	151
197	151	89	79	73	153	65	51	24	85	33	93	66	149	97	83	33	51	67	189	167	91	171	173
93	125	15	193	19	137	77	151	40	51	89	187	38	161	99	109	13	41	123	63	137	129	165	197
165	155	165	191	45	83	37	9	138	89	91	35	160	161	13	185	13	13	143	137	115	149	7	125
117	181	139	7	181	127	57	156	86	154	165	189	154	127	11	91	189	143	17	35	105	187	145	127
15	15	5	47	191	47	193	173	123	149	43	29	187	13	195	3	59	7	175	69	131	33	63	25

Colouring the odd numbered squares is optional.



Lesson 120

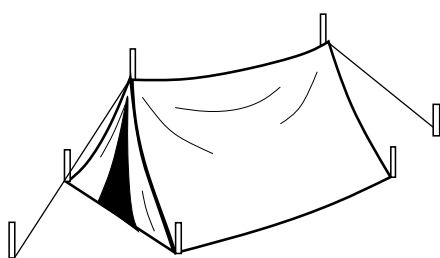
CHECKPOINT 15



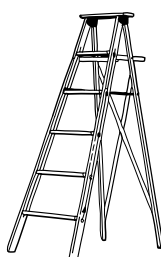
Find the length of each line to the nearest centimetre (cm).



Circle the unit that is the most appropriate to measure the following things:



m cm

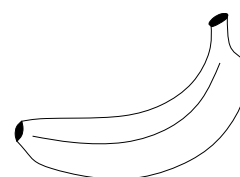
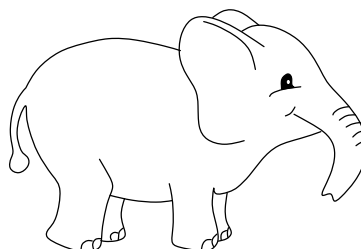
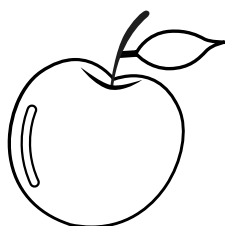


m cm



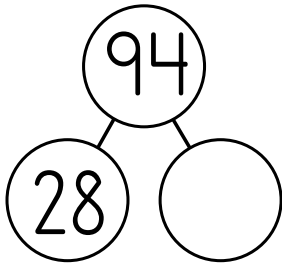
m cm

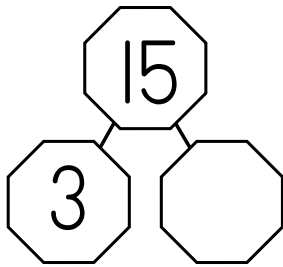
Circle the heavier object in each pair.



GENERAL REVIEW

Fill in the missing number on the number bond then write the four equations represented by it.

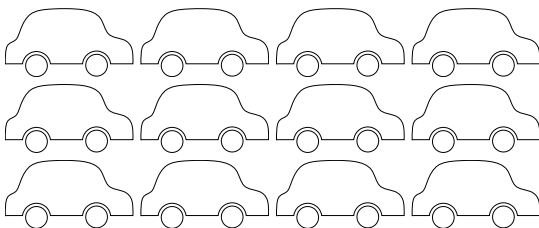




Skip count and write a sum to find how much money is shown in the picture.



Write an addition equation, a multiplication equation and a division equation to describe the picture.



Calculate:

$45 \div 5 = \underline{\quad}$

$70 \div 10 = \underline{\quad}$

$5 \times 2 = \underline{\quad}$

$10 \div 10 = \underline{\quad}$

$4 \div 2 = \underline{\quad}$

$10 \times 8 = \underline{\quad}$

$10 \times 6 = \underline{\quad}$

$10 \times 9 = \underline{\quad}$

$35 \div 5 = \underline{\quad}$

Drill 81

$8 + 7 = \underline{\quad}$

$7 + 1 = \underline{\quad}$

$4 + 1 = \underline{\quad}$

$4 + 7 = \underline{\quad}$

$3 + 7 = \underline{\quad}$

$7 + 2 = \underline{\quad}$

$10 + 7 = \underline{\quad}$

$5 + 7 = \underline{\quad}$

$7 + 1 = \underline{\quad}$

$7 + 5 = \underline{\quad}$

$7 + 6 = \underline{\quad}$

$1 + 1 = \underline{\quad}$

$7 + 2 = \underline{\quad}$

$7 + 7 = \underline{\quad}$

$10 + 10 = \underline{\quad}$

$1 + 7 = \underline{\quad}$

$7 + 10 = \underline{\quad}$

$8 + 10 = \underline{\quad}$

$7 + 9 = \underline{\quad}$

$6 + 8 = \underline{\quad}$

$10 + 9 = \underline{\quad}$

$2 + 7 = \underline{\quad}$

$10 + 2 = \underline{\quad}$

$5 + 9 = \underline{\quad}$

$7 + 7 = \underline{\quad}$

$6 + 10 = \underline{\quad}$

$6 + 9 = \underline{\quad}$

$7 + 8 = \underline{\quad}$

$2 + 2 = \underline{\quad}$

$3 + 8 = \underline{\quad}$

$7 + 10 = \underline{\quad}$

$8 + 2 = \underline{\quad}$

$1 + 10 = \underline{\quad}$

$7 + 3 = \underline{\quad}$

$1 + 8 = \underline{\quad}$

$3 + 9 = \underline{\quad}$

$9 + 7 = \underline{\quad}$

$9 + 2 = \underline{\quad}$

$7 + 9 = \underline{\quad}$

$6 + 7 = \underline{\quad}$

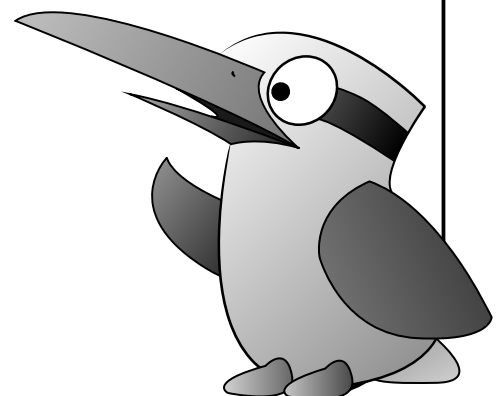
$2 + 9 = \underline{\quad}$

$4 + 10 = \underline{\quad}$

$7 + 4 = \underline{\quad}$

$2 + 1 = \underline{\quad}$

$5 + 8 = \underline{\quad}$



Drill 85

$5 + 5 = \underline{\quad}$

$9 + 9 = \underline{\quad}$

$3 + 1 = \underline{\quad}$

$8 + 8 = \underline{\quad}$

$7 + 7 = \underline{\quad}$

$9 + 2 = \underline{\quad}$

$2 + 2 = \underline{\quad}$

$7 + 7 = \underline{\quad}$

$3 + 10 = \underline{\quad}$

$1 + 1 = \underline{\quad}$

$3 + 3 = \underline{\quad}$

$5 + 7 = \underline{\quad}$

$4 + 4 = \underline{\quad}$

$10 + 10 = \underline{\quad}$

$9 + 10 = \underline{\quad}$

$2 + 2 = \underline{\quad}$

$6 + 7 = \underline{\quad}$

$8 + 10 = \underline{\quad}$

$3 + 3 = \underline{\quad}$

$8 + 2 = \underline{\quad}$

$6 + 2 = \underline{\quad}$

$6 + 6 = \underline{\quad}$

$10 + 1 = \underline{\quad}$

$4 + 2 = \underline{\quad}$

$6 + 6 = \underline{\quad}$

$1 + 8 = \underline{\quad}$

$10 + 2 = \underline{\quad}$

$10 + 10 = \underline{\quad}$

$3 + 2 = \underline{\quad}$

$2 + 10 = \underline{\quad}$

$5 + 5 = \underline{\quad}$

$7 + 9 = \underline{\quad}$

$4 + 8 = \underline{\quad}$

$1 + 1 = \underline{\quad}$

$6 + 1 = \underline{\quad}$

$10 + 9 = \underline{\quad}$

$9 + 9 = \underline{\quad}$

$5 + 8 = \underline{\quad}$

$8 + 9 = \underline{\quad}$

$4 + 4 = \underline{\quad}$

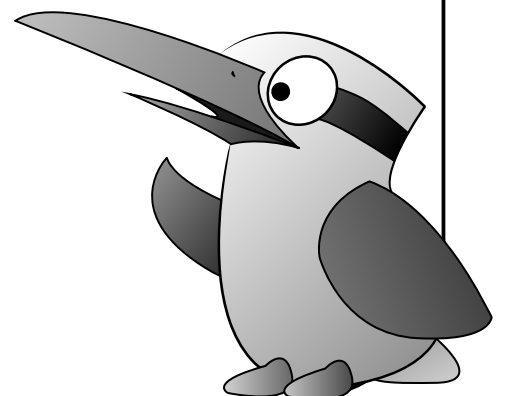
$9 + 8 = \underline{\quad}$

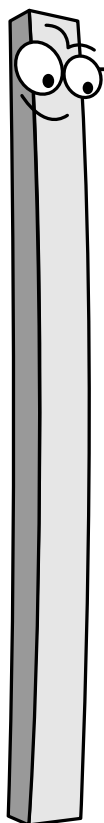
$6 + 8 = \underline{\quad}$

$8 + 8 = \underline{\quad}$

$10 + 10 = \underline{\quad}$

$2 + 8 = \underline{\quad}$





Drill 92

$7 + 6 = \underline{\quad}$

$1 + 2 = \underline{\quad}$

$9 + 9 = \underline{\quad}$

$4 + 5 = \underline{\quad}$

$3 + 4 = \underline{\quad}$

$3 + 7 = \underline{\quad}$

$9 + 8 = \underline{\quad}$

$8 + 9 = \underline{\quad}$

$7 + 1 = \underline{\quad}$

$7 + 8 = \underline{\quad}$

$5 + 1 = \underline{\quad}$

$2 + 2 = \underline{\quad}$

$9 + 10 = \underline{\quad}$

$10 + 8 = \underline{\quad}$

$3 + 8 = \underline{\quad}$

$6 + 7 = \underline{\quad}$

$3 + 1 = \underline{\quad}$

$7 + 2 = \underline{\quad}$

$10 + 9 = \underline{\quad}$

$4 + 10 = \underline{\quad}$

$3 + 9 = \underline{\quad}$

$4 + 3 = \underline{\quad}$

$10 + 1 = \underline{\quad}$

$5 + 7 = \underline{\quad}$

$3 + 2 = \underline{\quad}$

$4 + 4 = \underline{\quad}$

$6 + 8 = \underline{\quad}$

$2 + 3 = \underline{\quad}$

$6 + 6 = \underline{\quad}$

$2 + 9 = \underline{\quad}$

$8 + 7 = \underline{\quad}$

$5 + 10 = \underline{\quad}$

$2 + 8 = \underline{\quad}$

$6 + 5 = \underline{\quad}$

$8 + 8 = \underline{\quad}$

$1 + 9 = \underline{\quad}$

$5 + 4 = \underline{\quad}$

$3 + 10 = \underline{\quad}$

$8 + 7 = \underline{\quad}$

$5 + 6 = \underline{\quad}$

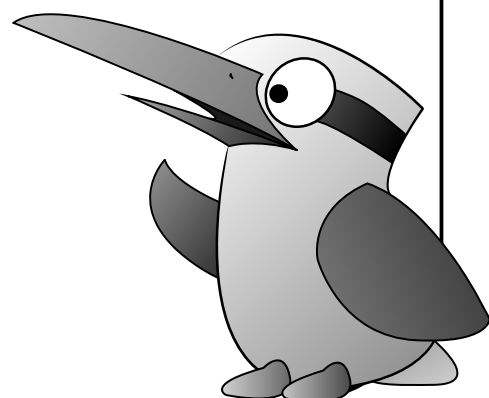
$6 + 1 = \underline{\quad}$

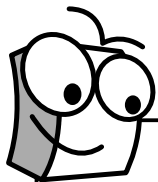
$10 + 9 = \underline{\quad}$

$2 + 1 = \underline{\quad}$

$4 + 2 = \underline{\quad}$

$1 + 2 = \underline{\quad}$





Drill 99

$$\begin{array}{r} 72 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 16 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ + 33 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 44 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ + 43 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ + 80 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 40 \\ \hline \end{array}$$

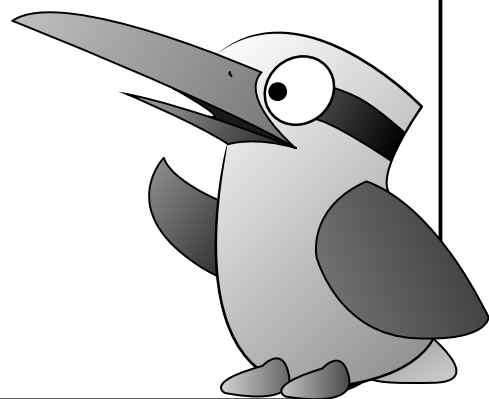
$$\begin{array}{r} 75 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ + 35 \\ \hline \end{array}$$





Drill 103

$$\begin{array}{r} 92 \\ -41 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ -76 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ -23 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ -44 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ -11 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ -62 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ -27 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ -21 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ -44 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ -11 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ -21 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ -13 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ -53 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ -34 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ -21 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ -14 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ -13 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ -44 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ -11 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ -12 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ -23 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ -14 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ -51 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ -16 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ -36 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ -21 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ -11 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ -14 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ -12 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ -12 \\ \hline \end{array}$$

