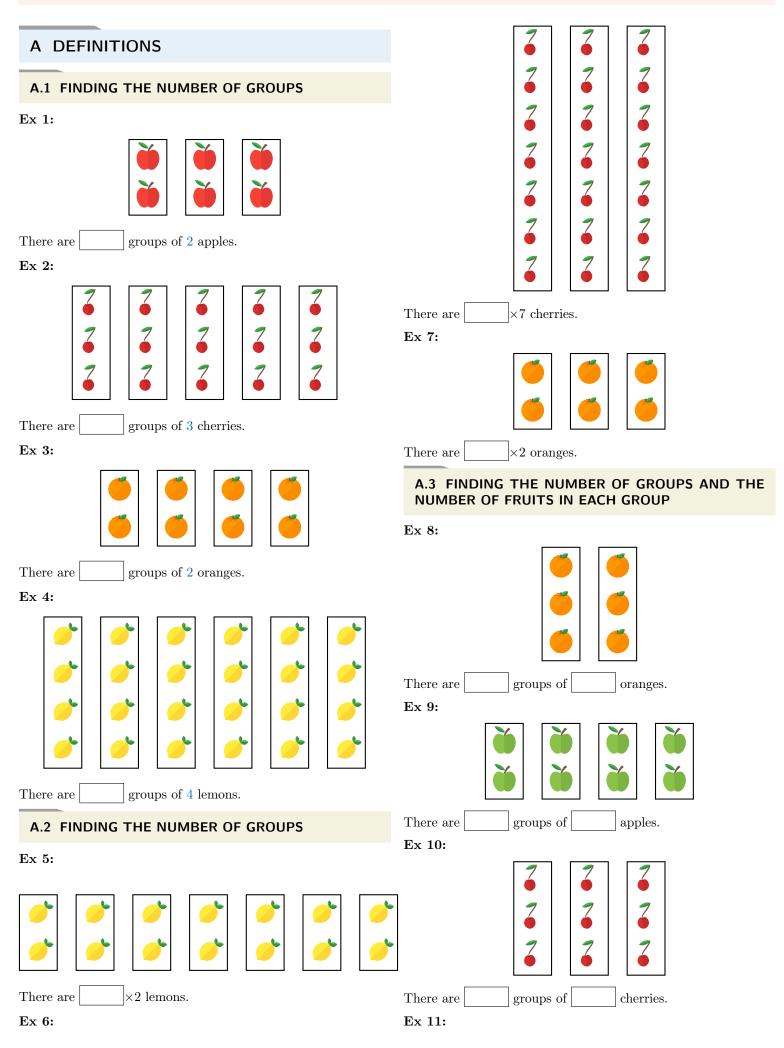
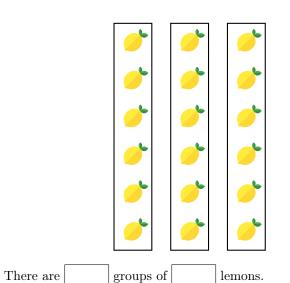
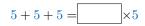
MULTIPLICATION



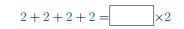


A.4 FINDING THE REPEATED ADDITIONS

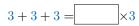
Ex 12:



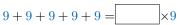
Ex 13:



Ex 14:



Ex 15:



A.5 IDENTIFYING MULTIPLICATIONS AND REPEATED ADDITIONS FROM WORDS

MCQ 16: Four times tree means: Choose 2 answers:

4×3
4 + 3
4 - 3
3 + 3 + 3 + 3

MCQ 17: Five times two means: Choose 2 answers:

 \Box 5 × 2 \Box 2 + 2 + 2 + 2 + 2

 \Box 5+2

 \Box 5 – 2

MCQ 18: Three times four means: Choose 2 answers:

 $\Box 3 \times 4$

 $\Box 4 + 4 + 4$

- \Box 3+4
- $\Box \ 3+3+3$

MCQ 19: Two times six means: Choose 2 answers:

- $\Box 2+6$
- $\Box 2 \times 6$
- $\Box 2-6$

 \Box 6+6

MCQ 20: Seven times one means: Choose 2 answers:

- $\Box 7 + 7 + 7 + 7 + 7 + 7 + 7 = 7$ $\Box 7 1$
- $\Box \ 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1$
- $\Box \ 7\times 1$

A.6 IDENTIFYING MULTIPLICATIONS AND REPEATED ADDITIONS FROM GROUPS

MCQ 21: Which choices mean 4 groups of 7? Choose 2 answers:

 $\Box 4+7$ $\Box 7+7+7+7$ $\Box 7 \times 7 \times 7 \times 7$ $\Box 4 \times 7$

MCQ 22: Which choices mean 5 groups of 10? Choose 2 answers:

- \Box 5 × 10
- $\Box \ 10 + 10 + 10 + 10 + 10$
- \Box 5 × 5
- \Box 5 + 10

MCQ 23: Which choices mean 7 groups of 3? Choose 2 answers:

- $\ \ \square \ \ 3+3+3+3+3+3+3$
- \Box 7 + 3
- $\Box \ 7\times7$
- \Box 7 × 3

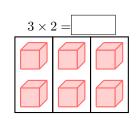
MCQ 24: Which choices mean 6 groups of 5? Choose 2 answers:

 $\Box 5 + 5 + 5 + 5 + 5 + 5$ $\Box 6 \times 5$ $\Box 6 + 5$ $\Box 5 \times 5 \times 5 \times 5 \times 5 \times 5$

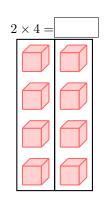


A.7 CALCULATING MULTIPLICATIONS USING CUBES

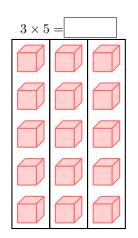
Ex 25:



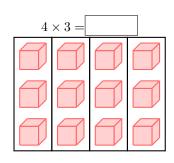
Ex 26:



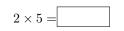
Ex 27:

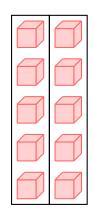


Ex 28:

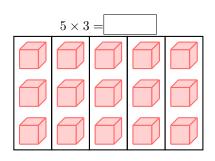


Ex 29:

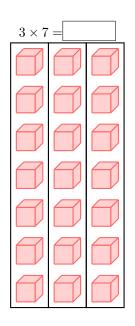




Ex 30:



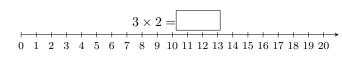
Ex 31:



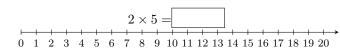
B IN NUMBER NUMBER

B.1 CALCULATING MULTIPLICATIONS USING NUMBER LINE

Ex 32:



Ex 33:

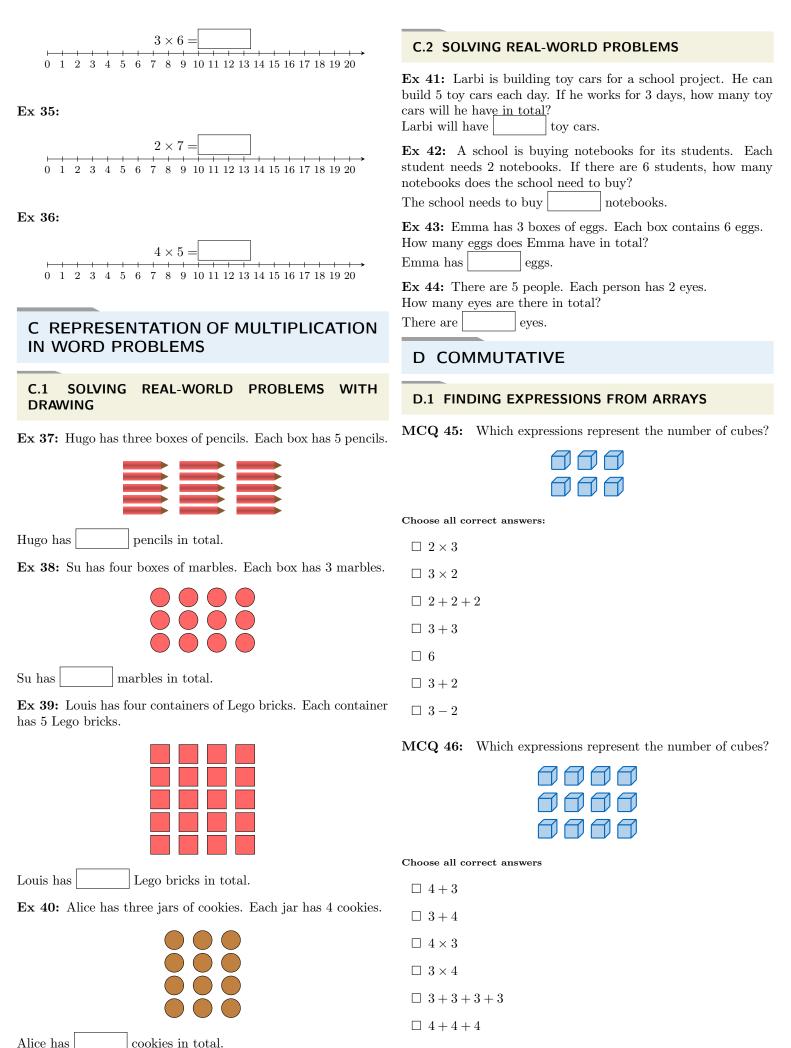


Ex 34:





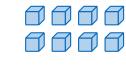




\Box 12

°±°)

MCQ 47: Which expressions represent the number of cubes?

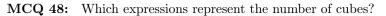


Choose all correct answers

 $\Box 4 \times 2$

- \Box 2+2+2+2
- \Box 8
- $\Box 2+4$
- $\Box 4-2$
- $\Box 2 \times 4$

 \Box 4+4





Choose all correct answers

 $\Box 2 \times 5$

 \Box 5 × 2

 \Box 5+5

 $\Box 2 + 2 + 2 + 2 + 2$

 \Box 10

D.2 FINDING AN EASIER WAY TO CALCULATE MULTIPLICATION

MCQ 49: There are 9 people in a room. Each person has 2 eyes.

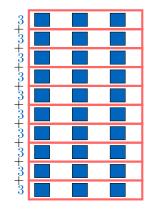
$^{2}_{+}$	$\bigcirc \bigcirc \bigcirc$
2	$\bigcirc \bigcirc \bigcirc$
$\frac{1}{2}$ +	$\bigcirc \bigcirc \bigcirc$
2	$\bigcirc \bigcirc \bigcirc$
$^+_{2}_+$	$\bigcirc \bigcirc \bigcirc$
$^+$ 2 +	$\bigcirc \bigcirc \bigcirc$
2	$\bigcirc \bigcirc \bigcirc$
$^{+}_{2}$	$\bigcirc \bigcirc$
$^{+}_{2}$	$\bigcirc \bigcirc$

Is there an easier way to find the total number of eyes? Choose $1 \\ answer$

- $\Box 2+9$
- $\Box 9 \times 9$
- \Box 9+9

MCQ 50: In Marie's class, there are 10 students, and each student needs 3 notebooks.

Marie calculated 10×3 by adding 3+3+3+3+3+3+3+3+3+3+3.

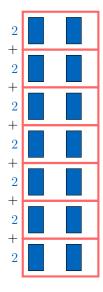


Is there an easier way to find the total number of notebooks? Choose 1 answer

- \Box 3 + 10
- $\Box \ 10 \times 10$
- \Box 10 + 10 + 10

MCQ 51: Louis's class has 7 rows of desks with 2 desks in each row.

Louis calculated 7×2 by adding 2 + 2 + 2 + 2 + 2 + 2 + 2. Is there an easier way to find the total number of desks?



Choose 1 answer

$$\Box$$
 7+7

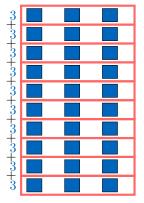
 \Box 2+7



 \Box 7 × 7

 $\ \ \square \ 1+1+1+1+1+1+1+1+1+1+1+1+1+1$

MCQ 52: Su's garden has 10 rows of flower beds, with 3 flowers planted in each row.



Is there an easier way to find the total number of flowers? Choose $1 \ answer$

- \Box 3 + 10
- \Box 10 × 10

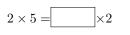
```
\Box 10 + 10 + 10
```

D.3 WRITING THE COMMUTATIVE PROPERTY

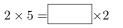
Ex 53:



Ex 54:



Ex 55:



Ex 56:

$$6 \times 4 = \longrightarrow 6$$

	PLAYING	WITH	THE	ORDER	0
Ex 57:	1	$0 \times 2 = $			
Ex 58:	1	$0 \times 3 =$			
Ex 59:	1	$5 \times 2 = $			
Ex 60:	10	$0 \times 2 = $			

