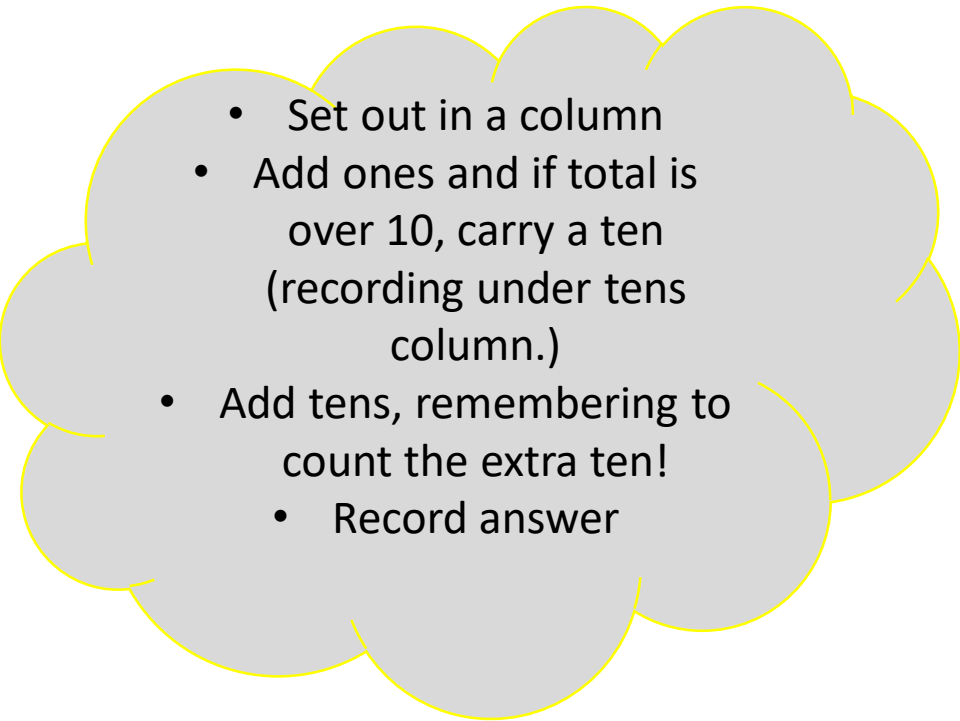




Year 3
Adding Volumes /
Capacities

You can add volumes and capacities either mentally or by using column addition. Remember to always check your work.

Yellow task e.g.

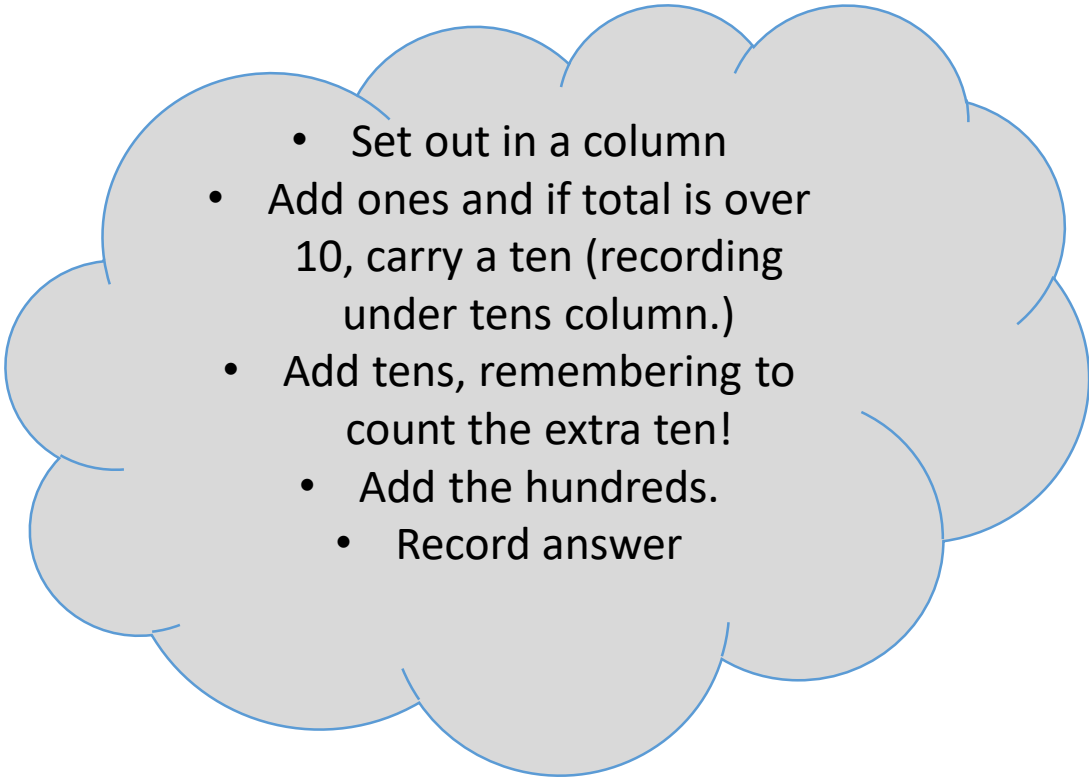
- 
- Set out in a column
 - Add ones and if total is over 10, carry a ten (recording under tens column.)
 - Add tens, remembering to count the extra ten!
 - Record answer

$$19 \text{ ml} + 22 \text{ ml}$$

$$\begin{array}{r} 19 \text{ ml} \\ + 22 \text{ ml} \\ \hline 41 \text{ ml} \\ \hline 1 \end{array}$$

You can add volumes and capacities either mentally or by using column addition. Remember to always check your work

Blue task e.g.

- 
- Set out in a column
 - Add ones and if total is over 10, carry a ten (recording under tens column.)
 - Add tens, remembering to count the extra ten!
 - Add the hundreds.
 - Record answer

167 ml + 125 ml

$$\begin{array}{r} 167 \text{ ml} \\ + 125 \text{ ml} \\ \hline 292 \text{ ml} \\ \hline 1 \end{array}$$

You can add volumes and capacities either mentally or by using column addition. Remember to always check your work

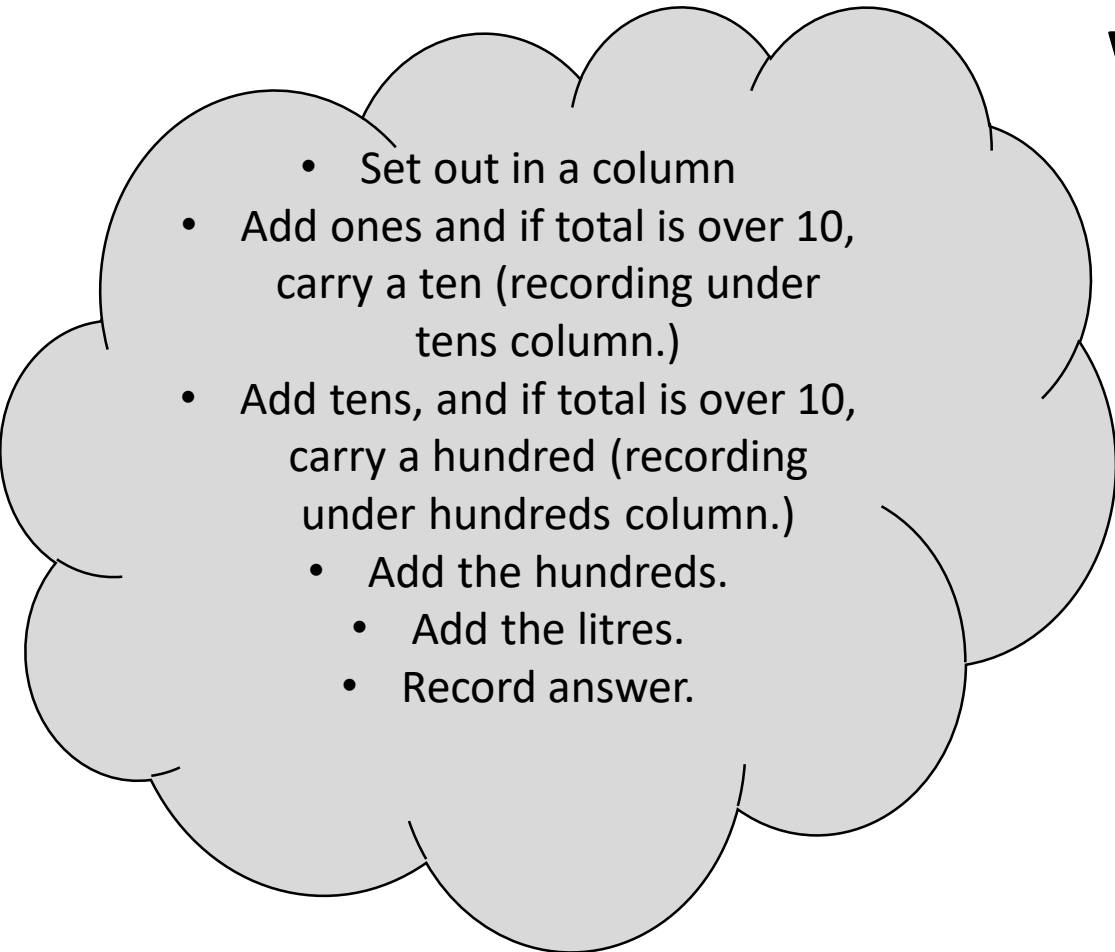
- Set out in a column
- Add ones and if total is over 10, carry a ten (recording under tens column.)
- Add tens, and if total is over 10, carry a hundred (recording under hundreds column.)
- Add the hundreds, remembering to count the extra hundred!
 - Record answer.

Green task e.g.

$$384 \text{ ml} + 246 \text{ ml}$$

$$\begin{array}{r} 384 \text{ ml} \\ + 246 \text{ ml} \\ \hline 630 \text{ ml} \\ \hline 1 \quad 1 \end{array}$$

You can add volumes and capacities either mentally or by using column addition. Remember to always check your work

- 
- Set out in a column
 - Add ones and if total is over 10, carry a ten (recording under tens column.)
 - Add tens, and if total is over 10, carry a hundred (recording under hundreds column.)
 - Add the hundreds.
 - Add the litres.
 - Record answer.

White task e.g.

$$2 \text{ l } 167 \text{ ml} + 2 \text{ l } 345 \text{ ml}$$

$$\begin{array}{r} 2 \text{ l } 167 \text{ ml} \\ + 2 \text{ l } 345 \text{ ml} \\ \hline 4 \text{ l } 512 \text{ ml} \\ \hline 1 \quad 1 \end{array}$$

Remember to start on a challenge suitable for you.
If you're feeling confident, move onto the next challenge.

58 ml + 24 ml	237 ml + 125 ml	282 ml + 143 ml	2 l 345 ml + 1 l 263 ml
37 ml + 43 ml	264 ml + 218 ml	375 l + 144 l	3 l 249 ml + 2 l 436 ml
26 ml + 65 ml	345 l + 137 l	496 ml + 234 ml	4 l 526 ml + 1 l 385 ml
45 ml + 18 ml	133 l + 429 l	287 l + 356 l	2 l 413 ml + 5 l 269 ml
59 ml + 24 ml	255 ml + 105 ml	484 ml + 256 ml	3 l 673 ml + 4 l 525 ml
18 ml + 47 ml	389 ml + 203 ml	294 l + 306 l	5 l 862 ml + 2 l 359 ml

Check your answers.

If you got any wrong, can you spot your mistake?

$58 \text{ ml} + 24 \text{ ml}$ $= 82 \text{ ml}$	$237 \text{ ml} + 125 \text{ ml}$ $= 362 \text{ ml}$	$282 \text{ ml} + 143 \text{ ml}$ $= 425 \text{ ml}$	$2 \text{ l } 345 \text{ ml} + 1 \text{ l } 263 \text{ ml}$ $= 3 \text{ l } 608 \text{ ml}$
$37 \text{ ml} + 43 \text{ ml}$ $= 80 \text{ ml}$	$264 \text{ ml} + 218 \text{ ml}$ $= 482 \text{ ml}$	$375 \text{ l} + 144 \text{ l}$ $= 519 \text{ l}$	$3 \text{ l } 249 \text{ ml} + 2 \text{ l } 436 \text{ ml}$ $= 5 \text{ l } 685 \text{ ml}$
$26 \text{ ml} + 65 \text{ ml}$ $= 91 \text{ ml}$	$345 \text{ l} + 137 \text{ l}$ $= 482 \text{ l}$	$496 \text{ ml} + 234 \text{ ml}$ $= 730 \text{ ml}$	$4 \text{ l } 526 \text{ ml} + 1 \text{ l } 385 \text{ ml}$ $= 5 \text{ l } 911 \text{ ml}$
$45 \text{ ml} + 18 \text{ ml}$ $= 63 \text{ ml}$	$133 \text{ l} + 429 \text{ l}$ $= 562 \text{ l}$	$287 \text{ l} + 356 \text{ l}$ $= 643 \text{ l}$	$2 \text{ l } 413 \text{ ml} + 5 \text{ l } 269 \text{ ml}$ $= 7 \text{ l } 682 \text{ ml}$
$59 \text{ ml} + 24 \text{ ml}$ $= 83 \text{ ml}$	$255 \text{ ml} + 105 \text{ ml}$ $= 360 \text{ ml}$	$484 \text{ ml} + 256 \text{ ml}$ $= 740 \text{ ml}$	$3 \text{ l } 673 \text{ ml} + 4 \text{ l } 525 \text{ ml}$ $= 8 \text{ l } 198 \text{ ml}$
$18 \text{ ml} + 47 \text{ ml}$ $= 65 \text{ ml}$	$389 \text{ ml} + 203 \text{ ml}$ $= 592 \text{ ml}$	$294 \text{ l} + 306 \text{ l}$ $= 600 \text{ l}$	$5 \text{ l } 862 \text{ ml} + 2 \text{ l } 359 \text{ ml}$ $= 8 \text{ l } 221 \text{ ml}$