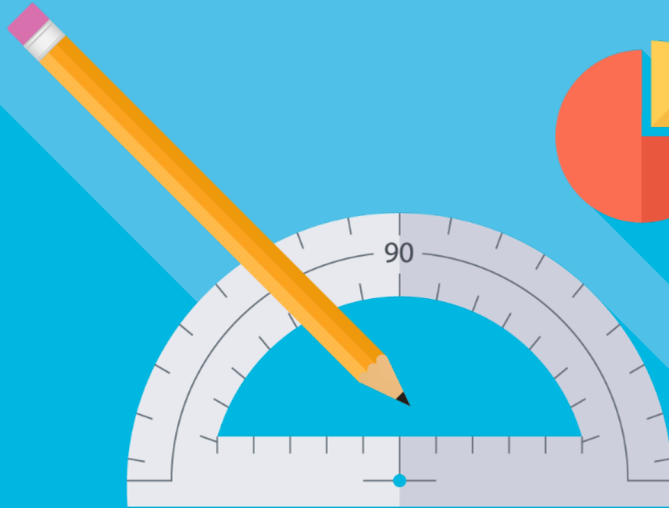


Monday

Term 4 Week 2



Addition

WALT:

- Utilise formal algorithms to add 5-6 digit numbers.
- Display working out

Let's revise algorithms

$$456 + 167$$

$$\begin{array}{r} 11 \\ 456 \\ + 167 \\ \hline 623 \end{array}$$

Let's take a look

A movie theatre has 700 seats and is showing the latest blockbuster. If 113 adults and 276 children come to see the movie, how many seats are filled?

$$\begin{array}{r} 113 \\ + 276 \\ \hline 389 \end{array}$$

Let's take a look

Alice is saving for a new bike that cost \$286. If she already has \$39 and is then given \$59 for her birthday, how much money does she have?

How much more money does she need?

$$\begin{array}{r} 39 \\ + 59 \\ \hline 98 \end{array}$$

$$\begin{array}{r} 286 \\ - 98 \\ \hline \$188 \end{array}$$

Solve these sums using the algorithm...

$$\begin{array}{r} 1) \quad 509 \\ + 424 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 432 \\ + 187 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 737 \\ + 866 \\ \hline \end{array}$$



Answers

$$\begin{array}{r} 1 \\ 1) \quad 509 \\ + 424 \\ \hline 933 \end{array}$$

$$\begin{array}{r} 1 \\ 2) \quad 432 \\ + 187 \\ \hline 619 \end{array}$$

$$\begin{array}{r} 111 \\ 3) \quad 737 \\ + 866 \\ \hline 1603 \end{array}$$



BLUE	RED	GREEN
Write the following questions out in an algorithm and calculate the answers. a) $1964 + 5282 =$ b) $4715 + 4563 =$ c) $7695 + 2178 =$ d) $9238 + 4768 =$	Write the following questions out in an algorithm and calculate the answers. a) $21964 + 35282 =$ b) $34715 + 94563 =$ c) $67695 + 22178 =$ d) $19238 + 34768 =$	Find the missing numbers: a) _____ + 91 + 5623 + 911 = 6630 b) $38 + 58 + 8798 + \underline{\hspace{2cm}} = 9543$ c) _____ + 1297 + 26 + 17 = 2011 d) $849 + \underline{\hspace{2cm}} + 62 + 97 = 10566$
If an ice block cost \$1.50 each, how much would it cost to buy 3 of them? If a can of Sprite cost \$2 each, how much would it cost to buy 5 of them?	Merlin trained 82,016 dragons, Miss Peters trained 399 dragons and Mrs Durose trained 31,427 dragons. What is the difference in the amount of dragons trained by Miss Peters and Mrs Durose?	John sold 318 oranges, 257 apples, 198 pineapples and 1450 bananas. a) How many items of fruit did John sell? b) If he sold each item of fruit for 50c and the pineapples for double that price, how much money did he make?
On Monday Abby sold 94 mice, 67 puppies, 483 goldfish and 159 birds. a) How many pets did Abby sell? b) If Abby sold double the amount as Monday on Tuesday. How many animals did she sell on Tuesday? c) Wednesday, Thursday and Friday she sold the same amount of animals as Monday. How many animals did she sell throughout the week?	Complete the follow questions and use the inverse operations to check your answers. a) Jeremy saved 916 pens and was given 1275 by his Grandfather. How many does he have now? b) Jet's book has 608 pages. He has read 239. how many more does he have to read? c) On a farm there were 3702 sheep. Jill sold 395 to jack who already owned 1454. How many does Jill have now? How many does Jack have now?	Write the following questions out in an algorithm and calculate the answers. a) $67283 + 3428173 =$ b) $836524 + 46725 =$ c) $462834 + 82634 =$ d) $936724 + 73542 =$ e) $472090 + 73500 =$
Jim purchased a new car for \$45,000, new tires for \$5000, seat covers for \$200 and floor mats for \$50. How much did he spend all together?	Miss Davis needs to provide enough orange juice for all of the students in her class for their end of year party. If each student is going to be provided with 230 ml of juice and Miss Davis bought 5.5 litres, how many students are in her class?	Baked beans are sold individually (75c), in packs of 4 (\$2.69) and packs of 6 (\$3.85). a) What is the cheapest way to buy 12 tins of baked beans? b) The 4-pack is on offer at \$2. How much can be saved in buying 12 tins in packs of 4? c) With the offer price, how much is saved per tin buying a 4-pack rather than 4 individual tins?

Extension

Create five word problems that incorporate 5 or 6 digit addition.

Find the answers to your word problems and have a friend or family member answer them.

A solid blue decorative shape at the bottom of the slide, resembling a stylized wave or a thick brushstroke that tapers from left to right.

Challenge/ Additional Task

Complete the number sentences by finding the value of the missing number:

$$90 \div \square = 4.5$$

$$\square \times 30 = 1050$$

$$\square + 630 = 1600$$

$$243 - \square = 160$$

$$\square \div 40 = 40$$

$$\square \times 100 = 2800$$

$$19\,800 + \square = 23\,200$$

$$17 - \square = -18$$