

Day 1

Warm up:

Flashback

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Year 6 | Week 1 | Day 1


1) What is the value of the digit 7 in the number 10.75?

2) What is 36×10 ?

3) Work out $\frac{1}{3} + \frac{5}{9}$

4) Write down a 4-digit number with 7 in the hundreds column.





Add numbers with 4 digits or more

Watch the following clip and answer the example questions on the website:

<https://www.bbc.co.uk/bitesize/articles/zwxbsk7>

If you cannot watch the video, read the information below.

Addition Checklist

- Set the numbers you are adding in columns according to place value.
- It doesn't matter which number in the sum goes first. For example, $23,345 + 11,129$ is the same as $11,129 + 23,345$.
- Estimate a rough answer before you start adding.
- Start from the right, adding the ones column first.

- Key words - look out for these words in problems: total, sum, altogether, more. They all indicate an addition calculation.

Practice

Activity 1

Learn and revise

Use any facts you know to help learn others.

$$8 + 6 = 14$$

You can use this to work out these and other facts:

$$18 + 16 = 34$$

$$80 + 60 = 140$$

$$1800 + 1600 = 3400$$

$$800 + 600 = 1400$$

$$4080 + 3060 = 7140$$

$$5008 + 1006 = 6014$$

Practice activities

1. Use the first answer to help with the others in each set.

a) $7 + 6 = \underline{\hspace{2cm}}$

$70 + 60 = \underline{\hspace{2cm}}$ $700 + 600 = \underline{\hspace{2cm}}$

$1007 + 3006 = \underline{\hspace{2cm}}$ $2070 + 4060 = \underline{\hspace{2cm}}$

b) $9 + 5 = \underline{\hspace{2cm}}$

$90 + 50 = \underline{\hspace{2cm}}$ $900 + 500 = \underline{\hspace{2cm}}$

$49 + 25 = \underline{\hspace{2cm}}$ $1090 + 6050 = \underline{\hspace{2cm}}$

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

$30 + 80 = \underline{\hspace{2cm}}$ $300 + 800 = \underline{\hspace{2cm}}$

$6300 + 2800 = \underline{\hspace{2cm}}$ $4030 + 3080 = \underline{\hspace{2cm}}$

d) $8 + 7 = \underline{\hspace{2cm}}$

$80 + 70 = \underline{\hspace{2cm}}$ $800 + 700 = \underline{\hspace{2cm}}$

$58 + 37 = \underline{\hspace{2cm}}$ $3080 + 2070 = \underline{\hspace{2cm}}$

Activity 2

Correct or Not Correct?

$$\begin{array}{r} 8469 \\ + 597 \\ \hline 9066 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 7468 \\ + 523.5 \\ \hline 12703 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 6992 \\ + 3447 \\ \hline 10339 \\ \hline 11 \end{array}$$

Explain the mistakes.
