

Yr 4 Addition and subtraction Unit 1 (4637)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Day 1 Missing number additions Sheet 1

Working towards ARE do Q1 – 6

Working at ARE start at Q4 and do as many as they can

Greater Depth do Q4 – 9

Day 2 Adding money Sheet 1

Working towards ARE do Part 1

Working at ARE do Parts 1 and 2

Greater Depth do Parts 2 and 3

Missing number additions

Sheet 1

Fill in the missing numbers:

$$\begin{array}{r} 1. \quad \text{£}1.00 \quad 20\text{p} \quad \square \\ + \text{£}2.00 \quad 30\text{p} \quad \square \\ \hline \text{£}3.00 \quad \square \quad 8\text{p} \end{array}$$

$$\begin{array}{r} 2. \quad \text{£}3.00 \quad \square \quad 5\text{p} \\ + \text{£}2.00 \quad \square \quad 1\text{p} \\ \hline \text{£}5.00 \quad 20\text{p} \quad \square \end{array}$$

$$\begin{array}{r} 3. \quad \text{£}1.00 \quad 20\text{p} \quad \square \\ + \text{£}3.00 \quad 20\text{p} \quad \square \\ \hline \text{£}4.00 \quad \square \quad 7\text{p} \end{array}$$

$$\begin{array}{r} 4. \quad \text{£}3.00 \quad 20\text{p} \quad \square \\ + \text{£}1.00 \quad 50\text{p} \quad \square \\ \quad \quad \quad 10\text{p} \\ \hline \text{£}4.00 \quad \square \quad 1\text{p} \end{array}$$

$$\begin{array}{r} 5. \quad \text{£}3.\square 2 \\ + \text{£}2.\square 6 \\ \quad \quad \quad 1 \\ \hline \text{£}6. 2 \square \end{array}$$

$$\begin{array}{r} 6. \quad \text{£}4. 3 \square \\ + \text{£}2. 2 \square \\ \quad \quad \quad 1 \\ \hline \text{£}6.\square \square \end{array}$$

$$\begin{array}{r} 7. \quad \text{£}3.\square 5 \\ + \text{£}2.\square 1 \\ \quad \quad \quad 1 \\ \hline \text{£}6. 3 \square \end{array}$$

$$\begin{array}{r} 8. \quad \text{£}4. 1 \square \\ + \text{£}3. 2 \square \\ \quad \quad \quad 1 \\ \hline \text{£}7.\square 4 \end{array}$$

$$\begin{array}{r} 9. \quad \text{£}4.\square 1 \\ + \text{£}1.\square 4 \\ \quad \quad \quad 1 \\ \hline \text{£}6. 1 \square \end{array}$$

Challenge

Choose three amounts and add them. Repeat this twice.

What is the largest total possible? And the smallest? How close can you get to £90?

£14.76 £27.76 £56.92
£25.38 £30.55

Adding money

Sheet 1

Part 1

Use expanded or compact addition to answer these additions:

$$452 + 583$$

$$£4.52 + £5.83$$

$$465 + 387$$

$$£4.65 + £3.87$$

$$368 + 457$$

$$£3.68 + £4.57$$

Part 2

Use expanded addition and then compact addition to answer these additions:

$$£6.54 + £3.65$$

$$£2.81 + £6.65$$

$$£5.48 + £4.78$$

Part 3

Use compact addition to answer these additions:

$$£4.75 + £1.82 + £2.37$$

$$£7.42 + £7.56 + £8.54$$

$$£8.57 + £6.79 + £1.65$$

Challenge

Write 2 amounts that add to exactly £12.34.

BUT the 1ps must add to more than 10p and the 10ps must add to more than £1.

Further challenge

Write three amounts that add to exactly £12.34 – same rules as above!

Addition and subtraction

Answers

Day 1 Missing number additions Sheet 1 (for some other correct answers are possible, these are examples)

$$\begin{array}{r} 1. \quad \text{£}1.00 \text{ 20p } 4\text{p} \\ + \text{£}2.00 \text{ 30p } 4\text{p} \\ \hline \end{array}$$

$$\text{£}3.00 \text{ 50p } 8\text{p}$$

$$\begin{array}{r} 2. \quad \text{£}3.00 \text{ 10p } 5\text{p} \\ + \text{£}2.00 \text{ 10p } 1\text{p} \\ \hline \end{array}$$

$$\text{£}5.00 \text{ 20p } 6\text{p}$$

$$\begin{array}{r} 3. \quad \text{£}1.00 \text{ 20p } 4\text{p} \\ + \text{£}3.00 \text{ 20p } 3\text{p} \\ \hline \end{array}$$

$$\text{£}4.00 \text{ 40p } 7\text{p}$$

$$\begin{array}{r} 4. \quad \text{£}3.00 \text{ 20p } 9\text{p} \\ + \text{£}1.00 \text{ 50p } 2\text{p} \\ \hline \end{array}$$

$$\text{£}4.00 \text{ 80p } 1\text{p}$$

$$\begin{array}{r} 5. \quad \text{£}3.82 \\ + \text{£}2.46 \\ \hline \end{array}$$

$$\text{£}6.28$$

$$\begin{array}{r} 6. \quad \text{£}4.37 \\ + \text{£}2.28 \\ \hline \end{array}$$

$$\text{£}6.65$$

$$\begin{array}{r} 7. \quad \text{£}3.95 \\ + \text{£}2.41 \\ \hline \end{array}$$

$$\text{£}6.36$$

$$\begin{array}{r} 8. \quad \text{£}4.18 \\ + \text{£}3.26 \\ \hline \end{array}$$

$$\text{£}7.44$$

$$\begin{array}{r} 9. \quad \text{£}4.21 \\ + \text{£}1.94 \\ \hline \end{array}$$

$$\text{£}6.15$$

Challenge

$\text{£}56.92 + \text{£}30.55 + \text{£}27.76 = \text{£}115.23$ (largest)

$\text{£}14.76 + \text{£}25.38 + \text{£}27.76 = \text{£}67.90$ (smallest)

Closest total to $\text{£}90$ is $\text{£}83.69$ ($\text{£}27.76 + \text{£}25.38 + \text{£}30.55$)

Day 2 Adding money Sheet 1

Part 1

$$452 + 583 = 1035$$

$$465 + 387 = 852$$

$$368 + 457 = 825$$

$$\text{£}4.52 + \text{£}5.83 = \text{£}10.35$$

$$\text{£}4.65 + \text{£}3.87 = \text{£}8.52$$

$$\text{£}3.68 + \text{£}4.57 = \text{£}8.25$$

Part 2

$$\text{£}6.54 + \text{£}3.65 = \text{£}10.19$$

$$\text{£}2.81 + \text{£}6.65 = \text{£}9.46$$

$$\text{£}5.48 + \text{£}4.78 = \text{£}10.26$$

Part 3

$$\text{£}4.75 + \text{£}1.82 + \text{£}2.37 = \text{£}8.94$$

$$\text{£}7.42 + \text{£}7.56 + \text{£}8.54 = \text{£}23.52$$

$$\text{£}8.57 + \text{£}6.79 + \text{£}1.65 = \text{£}17.01$$

Challenge

$$\text{£}1.66 + \text{£}10.68 = \text{£}12.34$$

$$\text{£}1.77 + \text{£}10.57 = \text{£}12.34$$

$$\text{£}1.88 + \text{£}10.46 = \text{£}12.34$$

$$\text{£}1.99 + \text{£}10.35 = \text{£}12.34$$

$$\text{£}1.67 + \text{£}10.67 = \text{£}12.34$$

$$\text{£}1.68 + \text{£}10.66 = \text{£}12.34$$

$$\text{£}1.69 + \text{£}10.65 = \text{£}12.34$$

$$\text{£}1.78 + \text{£}10.56 = \text{£}12.34$$

$$\text{£}1.79 + \text{£}10.55 = \text{£}12.34$$

These are examples, other correct answers are possible. Check addition adds up to $\text{£}12.34$.