

5-14 Mathematics



Pack 3

Add & Subtract

SAMPLE SHEETS

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stories of 7


$$6 + 1 = \dots\dots$$


$$5 + 2 = \dots\dots$$


$$4 + 3 = \dots\dots$$


$$3 + 4 = \dots\dots$$


$$2 + 5 = \dots\dots$$


$$1 + 6 = \dots\dots$$


$$7 - 1 = \dots\dots$$


$$7 - 2 = \dots\dots$$


$$7 - 3 = \dots\dots$$


$$7 - 4 = \dots\dots$$


$$7 - 5 = \dots\dots$$


$$7 - 6 = \dots\dots$$


6	5	4	3	2	1
<u>+1</u>	<u>+2</u>	<u>+3</u>	<u>+4</u>	<u>+5</u>	<u>+6</u>
—	—	—	—	—	—

7	7	7	7	7	7
<u>-1</u>	<u>-2</u>	<u>-3</u>	<u>-4</u>	<u>-5</u>	<u>-6</u>
—	—	—	—	—	—

$6 + \dots\dots = 7$

$\dots\dots + 6 = 7$

$7 - 1 = \dots\dots$

$7 - \dots\dots = 1$

$5 + \dots\dots = 7$

$\dots\dots + 5 = 7$

$7 - 2 = \dots\dots$

$7 - \dots\dots = 2$

$4 + \dots\dots = 7$

$\dots\dots + 4 = 7$

$7 - 3 = \dots\dots$

$7 - \dots\dots = 3$

$3 + \dots\dots = 7$

$\dots\dots + 3 = 7$

$7 - 4 = \dots\dots$

$7 - \dots\dots = 4$

$2 + \dots\dots = 7$

$\dots\dots + 2 = 7$

$7 - 5 = \dots\dots$

$7 - \dots\dots = 5$

$1 + \dots\dots = 7$

$\dots\dots + 1 = 7$

$7 - 6 = \dots\dots$

$7 - \dots\dots = 6$

6	1	5	2	4	3
<u>+1</u>	<u>+6</u>	<u>+2</u>	<u>+5</u>	<u>+3</u>	<u>+4</u>
—	—	—	—	—	—

7	7	7	7	7	7
<u>-1</u>	<u>-6</u>	<u>-2</u>	<u>-5</u>	<u>-3</u>	<u>-4</u>
—	—	—	—	—	—

stories of **7** ○○○○○○○○

answers
for page 3

$$\begin{array}{c} 6 \\ \text{○○○○○○} \end{array} + \begin{array}{c} 1 \\ \text{○} \end{array} = \begin{array}{c} 7 \\ \text{○○○○○○○} \end{array}$$

$$\begin{array}{c} 5 \\ \text{○○○○○} \end{array} + \begin{array}{c} 2 \\ \text{○○} \end{array} = \begin{array}{c} 7 \\ \text{○○○○○○○} \end{array}$$

$$\begin{array}{c} 4 \\ \text{○○○○} \end{array} + \begin{array}{c} 3 \\ \text{○○○} \end{array} = \begin{array}{c} 7 \\ \text{○○○○○○○} \end{array}$$

$$\begin{array}{c} 3 \\ \text{○○○} \end{array} + \begin{array}{c} 4 \\ \text{○○○○} \end{array} = \begin{array}{c} 7 \\ \text{○○○○○○○} \end{array}$$

$$\begin{array}{c} 2 \\ \text{○○} \end{array} + \begin{array}{c} 5 \\ \text{○○○○○} \end{array} = \begin{array}{c} 7 \\ \text{○○○○○○○} \end{array}$$

$$\begin{array}{c} 1 \\ \text{○} \end{array} + \begin{array}{c} 6 \\ \text{○○○○○○○} \end{array} = \begin{array}{c} 7 \\ \text{○○○○○○○} \end{array}$$

$$\begin{array}{c} 7 \\ \text{○○○○○○○} \end{array} - \begin{array}{c} 1 \\ \text{○} \end{array} = \begin{array}{c} 6 \\ \text{○○○○○○○} \end{array}$$

$$\begin{array}{c} 7 \\ \text{○○○○○○○} \end{array} - \begin{array}{c} 2 \\ \text{○○} \end{array} = \begin{array}{c} 5 \\ \text{○○○○○○○} \end{array}$$

$$\begin{array}{c} 7 \\ \text{○○○○○○○} \end{array} - \begin{array}{c} 3 \\ \text{○○○} \end{array} = \begin{array}{c} 4 \\ \text{○○○○○○○} \end{array}$$

$$\begin{array}{c} 7 \\ \text{○○○○○○○} \end{array} - \begin{array}{c} 4 \\ \text{○○○○} \end{array} = \begin{array}{c} 3 \\ \text{○○○○○○○} \end{array}$$

$$\begin{array}{c} 7 \\ \text{○○○○○○○} \end{array} - \begin{array}{c} 5 \\ \text{○○○○○} \end{array} = \begin{array}{c} 2 \\ \text{○○○○○○○} \end{array}$$

$$\begin{array}{c} 7 \\ \text{○○○○○○○} \end{array} - \begin{array}{c} 6 \\ \text{○○○○○○○} \end{array} = \begin{array}{c} 1 \\ \text{○○○○○○○} \end{array}$$

$$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ +2 \\ \hline 7 \end{array} \quad \begin{array}{r} 4 \\ +3 \\ \hline 7 \end{array} \quad \begin{array}{r} 3 \\ +4 \\ \hline 7 \end{array} \quad \begin{array}{r} 2 \\ +5 \\ \hline 7 \end{array} \quad \begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ -1 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ -3 \\ \hline 4 \end{array} \quad \begin{array}{r} 7 \\ -4 \\ \hline 3 \end{array} \quad \begin{array}{r} 7 \\ -5 \\ \hline 2 \end{array} \quad \begin{array}{r} 7 \\ -6 \\ \hline 1 \end{array}$$

$$6 + \dots = 7$$

$$\dots + 6 = 7$$

$$7 - 1 = \dots$$

$$7 - \dots = 1$$

$$5 + \dots = 7$$

$$\dots + 5 = 7$$

$$7 - 2 = \dots$$

$$7 - \dots = 2$$

$$4 + \dots = 7$$

$$\dots + 4 = 7$$

$$7 - 3 = \dots$$

$$7 - \dots = 3$$

$$3 + \dots = 7$$

$$\dots + 3 = 7$$

$$7 - 4 = \dots$$

$$7 - \dots = 4$$

$$2 + \dots = 7$$

$$\dots + 2 = 7$$

$$7 - 5 = \dots$$

$$7 - \dots = 5$$

$$1 + \dots = 7$$

$$\dots + 1 = 7$$

$$7 - 6 = \dots$$

$$7 - \dots = 6$$

$$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array} \quad \begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ +2 \\ \hline 7 \end{array} \quad \begin{array}{r} 2 \\ +5 \\ \hline 7 \end{array} \quad \begin{array}{r} 4 \\ +3 \\ \hline 7 \end{array} \quad \begin{array}{r} 3 \\ +4 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ -1 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ -6 \\ \hline 1 \end{array} \quad \begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ -5 \\ \hline 2 \end{array} \quad \begin{array}{r} 7 \\ -3 \\ \hline 4 \end{array} \quad \begin{array}{r} 7 \\ -4 \\ \hline 3 \end{array}$$

+ Or -, (sheet a)

$\begin{array}{r} 405 \\ +168 \\ \hline \end{array}$	$\begin{array}{r} 573 \\ -168 \\ \hline \end{array}$	$\begin{array}{r} 127 \\ +355 \\ \hline \end{array}$	$\begin{array}{r} 482 \\ -355 \\ \hline \end{array}$	$\begin{array}{r} 609 \\ +288 \\ \hline \end{array}$	$\begin{array}{r} 897 \\ -288 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 618 \\ +275 \\ \hline \end{array}$	$\begin{array}{r} 893 \\ -275 \\ \hline \end{array}$	$\begin{array}{r} 309 \\ +199 \\ \hline \end{array}$	$\begin{array}{r} 508 \\ -199 \\ \hline \end{array}$	$\begin{array}{r} 247 \\ +582 \\ \hline \end{array}$	$\begin{array}{r} 829 \\ -582 \\ \hline \end{array}$
--	--	--	--	--	--

space for working

What is the sum of 375 and 288 ?

What is the difference between 512 and 300 ?

What is 75 more than 730 ?

Subtract 350 from 800

Sadie had 200 tickets to sell for a show.
She has 45 left to sell.
How many has she sold?

A big box weighs 166 kg and
a smaller box weighs 138 kg.
How heavy are the two boxes altogether?

What is the difference
in the weights of the two boxes?

Joan has 143 conkers and John has 180.
How many more does John have than Joan?

+ Or -, (sheet a)

answers
for page 31

$$\begin{array}{r} 405 \\ +168 \\ \hline 573 \end{array}$$

$$\begin{array}{r} 573 \\ -168 \\ \hline 405 \end{array}$$

$$\begin{array}{r} 127 \\ +355 \\ \hline 482 \end{array}$$

$$\begin{array}{r} 482 \\ -355 \\ \hline 127 \end{array}$$

$$\begin{array}{r} 609 \\ +288 \\ \hline 897 \end{array}$$

$$\begin{array}{r} 897 \\ -288 \\ \hline 609 \end{array}$$

$$\begin{array}{r} 618 \\ +275 \\ \hline 893 \end{array}$$

$$\begin{array}{r} 893 \\ -275 \\ \hline 618 \end{array}$$

$$\begin{array}{r} 309 \\ +199 \\ \hline 508 \end{array}$$

$$\begin{array}{r} 508 \\ -199 \\ \hline 309 \end{array}$$

$$\begin{array}{r} 247 \\ +582 \\ \hline 829 \end{array}$$

$$\begin{array}{r} 829 \\ -582 \\ \hline 247 \end{array}$$

space for working

What is the sum of 375 and 288 ?

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How many more does John have than Joan?

adding and subtracting decimals

(with 2dp)

$$\begin{array}{r} 718.3 \\ + 58.04 \\ \hline \end{array}$$

$$\begin{array}{r} 776.34 \\ - 58.04 \\ \hline \end{array}$$

$$\begin{array}{r} 776.34 \\ - 718.3 \\ \hline \end{array}$$

$$\begin{array}{r} 20.07 \\ + 485.9 \\ \hline \end{array}$$

$$\begin{array}{r} 505.97 \\ - 20.07 \\ \hline \end{array}$$

$$\begin{array}{r} 505.97 \\ - 485.9 \\ \hline \end{array}$$

$$\begin{array}{r} 407.1 \\ + 75.87 \\ \hline \end{array}$$

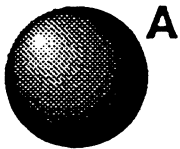
$$\begin{array}{r} 482.97 \\ - 75.87 \\ \hline \end{array}$$

$$\begin{array}{r} 482.97 \\ - 407.1 \\ \hline \end{array}$$

$$\begin{array}{r} 72.55 \\ + 627.4 \\ \hline \end{array}$$

$$\begin{array}{r} 699.95 \\ - 627.4 \\ \hline \end{array}$$

$$\begin{array}{r} 699.95 \\ - 72.55 \\ \hline \end{array}$$



8.07kg

6.3kg

3.75kg

£4.99

£3.99

£2.99

Look at the weights and prices of these 3 balls

space for working

What is the total price for ball A and B?

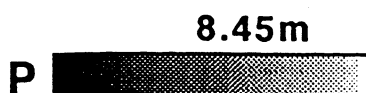
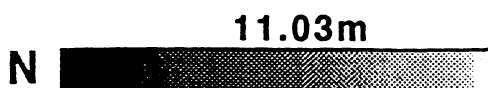
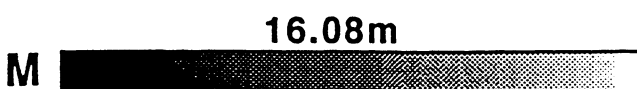
What is the total weight of ball B and C?

How much heavier is ball A than ball B?

How much change would there be from £20 if all three balls were bought?

What is the total weight of all 3 balls?

Look at these 3 sticks;



How much longer is stick N than stick P?

How much longer is stick M than stick N?

What is the total length of all three sticks?

adding and subtracting decimals

(with 2dp)

answers
for page 45

$$\begin{array}{r} 437.5 \\ + 26.75 \\ \hline 464.25 \end{array}$$

$$\begin{array}{r} 464.25 \\ - 26.75 \\ \hline 437.5 \end{array}$$

$$\begin{array}{r} 464.25 \\ - 437.5 \\ \hline 26.75 \end{array}$$

$$\begin{array}{r} 17.08 \\ + 147.7 \\ \hline 164.78 \end{array}$$

$$\begin{array}{r} 164.78 \\ - 17.08 \\ \hline 147.7 \end{array}$$

$$\begin{array}{r} 164.78 \\ - 147.7 \\ \hline 17.08 \end{array}$$

$$\begin{array}{r} 186.7 \\ + 22.86 \\ \hline 209.56 \end{array}$$

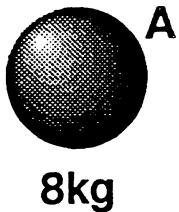
$$\begin{array}{r} 209.56 \\ - 22.86 \\ \hline 186.7 \end{array}$$

$$\begin{array}{r} 209.56 \\ - 186.7 \\ \hline 22.86 \end{array}$$

$$\begin{array}{r} 18.56 \\ + 104.8 \\ \hline 123.36 \end{array}$$

$$\begin{array}{r} 123.36 \\ - 104.8 \\ \hline 18.56 \end{array}$$

$$\begin{array}{r} 123.36 \\ - 18.56 \\ \hline 104.8 \end{array}$$



8kg

£4.25



5.43kg

£3.76



3.7kg

£2.08

Look at
the weights
and prices
of these
3 balls

space for working

What is the total price for ball A and B?

£8.01

What is the total weight of ball B and C?

9.13kg

How much heavier is ball A than ball B?

2.57kg

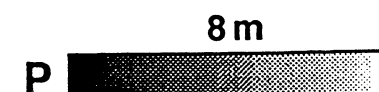
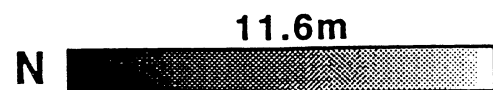
How much change would there be from £20 if all three balls were bought?

£9.91

What is the total weight of all 3 balls?

17.13kg

Look at these 3 sticks;



How much longer is
stick N than stick P?

3.6m

How much longer is
stick M than stick N?

3.48m

What is the total length
of all three sticks?

34.68m