

# Chapter 17 Decimals 2

## Adding decimals

### 1. Adding decimals

0.3 + 0.4 = 0.7  
=  $\frac{7}{10}$

(a)  $0.2 + 0.5 = 0.7 = \frac{7}{10}$   
 (c)  $0.3 + 0.2 = 0.5 = \frac{5}{10}$   
 (e)  $0.4 + 0.3 = 0.7 = \frac{7}{10}$   
 (g)  $0.5 + 0.4 = 0.9 = \frac{9}{10}$

(b)  $0.7 + 0.2 = 0.9 = \frac{9}{10}$   
 (d)  $0.6 + 0.3 = 0.9 = \frac{9}{10}$   
 (f)  $0.4 + 0.4 = 0.8 = \frac{8}{10}$   
 (h)  $0.8 + 0.1 = 0.9 = \frac{9}{10}$

0.4 + 0.7 =  $1\frac{1}{10}$

u	$\frac{1}{10}$
0.4	
0.7	
<hr/>	
1.1	

2. (a)  $\begin{array}{r} 0.3 \\ + 0.8 \\ \hline 1.1 \end{array}$  (b)  $\begin{array}{r} 0.4 \\ + 0.9 \\ \hline 1.3 \end{array}$  (c)  $\begin{array}{r} 0.5 \\ + 0.6 \\ \hline 1.1 \end{array}$  (d)  $\begin{array}{r} 0.4 \\ + 0.8 \\ \hline 1.2 \end{array}$  (e)  $\begin{array}{r} 0.6 \\ + 0.6 \\ \hline 1.2 \end{array}$  (f)  $\begin{array}{r} 0.8 \\ + 0.7 \\ \hline 1.5 \end{array}$  (g)  $\begin{array}{r} 0.6 \\ + 0.9 \\ \hline 1.5 \end{array}$

### Adding mixed decimal numbers

2.1	
+ 3.5	
<hr/>	
5.6	

3. (a)  $\begin{array}{r} 2.3 \\ + 3.5 \\ \hline 5.8 \end{array}$  (b)  $\begin{array}{r} 1.2 \\ + 4.6 \\ \hline 5.8 \end{array}$  (c)  $\begin{array}{r} 2.4 \\ + 3.4 \\ \hline 5.8 \end{array}$  (d)  $\begin{array}{r} 1.3 \\ + 2.4 \\ \hline 3.7 \end{array}$  (e)  $\begin{array}{r} 4.2 \\ + 2.4 \\ \hline 6.6 \end{array}$  (f)  $\begin{array}{r} 4.4 \\ + 4.5 \\ \hline 8.9 \end{array}$  (g)  $\begin{array}{r} 4.4 \\ + 5.4 \\ \hline 9.8 \end{array}$

### Adding mixed decimal numbers

2.3	
+ 1.8	
<hr/>	
4.1	

4. (a)  $\begin{array}{r} 2.4 \\ + 1.8 \\ \hline 4.2 \end{array}$  (b)  $\begin{array}{r} 2.4 \\ + 1.9 \\ \hline 4.3 \end{array}$  (c)  $\begin{array}{r} 1.3 \\ + 2.8 \\ \hline 4.1 \end{array}$  (d)  $\begin{array}{r} 1.6 \\ + 1.9 \\ \hline 3.5 \end{array}$  (e)  $\begin{array}{r} 1.7 \\ + 1.8 \\ \hline 3.5 \end{array}$  (f)  $\begin{array}{r} 1.8 \\ + 2.8 \\ \hline 4.6 \end{array}$  (g)  $\begin{array}{r} 2.5 \\ + 1.7 \\ \hline 4.2 \end{array}$

3 a  $7.40$       2 decimal places.  
 b  $7.62$   
 c  $24.64$

4 a  $7.03$   
 b  $7.88$   
 c  $7.49$

5 a  $46.02$       Stack  
 b  $62.14$   
 c  $67.17$

6 a  $1.46$   
 b  $2.44$       Subtract  
 c  $1.53$

7 a  $2.91$       2 decimal places  
 b  $3.67$   
 c  $1.69$

8 a  $1.37$   
 b  $5.44$   
 c  $12.72$

2 a  $4.24$

b  $3.99$

c  $8.68$

d  $15.69$

e  $24.48$

f  $35.55$

3 a  $9.42$

b  $18.84$

c  $8.72$

d  $25.95$

e  $36.84$

f  $64.96$

Decimal  
point  
on  
the line.

6 a  $6.3$

b  $13.6$

c  $23.5$

d  $40.8$

e  $63.2$

7 a  $8.04$

b  $20.15$

c  $36.54$

d  $49.77$

e  $83.07$

plu0 Thursday

3a	2.43
b	3.42
c	3.23
d	2.21
e	1.09
f	0.91

4a	3.1
b	12.3
c	9.1
d	7.1
e	5.1
f	7.1

5a	1.6
b	2.7
c	2.5
d	2.4
e	1.3
f	1.5

10a	1.36
b	1.23
c	1.26
d	1.24
e	0.72
f	1.39

11/11

Friday

1a 10c, 30c, 40c, 90c.

b 10c

c 30c

d 60c

e € 1.80

f € 1.40

g € 0.70 or 70c.

h € 0.50 or 50c.

Minimum

amount.

Q1.

2a 7cm

b 1m 35cm

c 4m 90cm

d 150g.

Extra

3a 470

b 460

c 0.25.

Gold

star.