

Big Maths Beat That!: Teacher Notes

| CLIC Challenge 17 | | | |
|-------------------|---|----------|---|
| | Step Location in the CLIC framework | | Title of Step |
| | Progress Drive | Step No. | |
| Q1 | Counting: Squiggleworth | 4 | I can partition a 3dp number |
| Q2 | INN: Pim's Addition | 5 | I can add hundredths |
| Q3 | INN: Multiplying by 10 / Dividing by 10 | 4 / 3 | I can multiply decimals by 100 I can divide decimals by 10 |
| Q4 | INN: Smile Multiplication | 4 | I can do Smile Multiplication for tenths |
| Q5 | Calc: - | 31 | I can solve $4d - 2d$ |
| Q6 | Calc: x | 14 | I can solve any $1d \times 2d$ |
| Q7 | Calc: \div | 25 | I can use a Smile Multiplication fact to find a division fact |
| Q8 | Column Methods: - | 6 | I can solve any $4d - 2d$ or $3d$ |
| Q9 | Column Methods: x | 2 | I can solve any $2d \times 1d$ |
| Q10 | Column Methods: \div | 5 | I can solve a $4d \div 1d$ (using any table) No remainders in answer |



Enw:

Dosbarth:

Dyddiad:

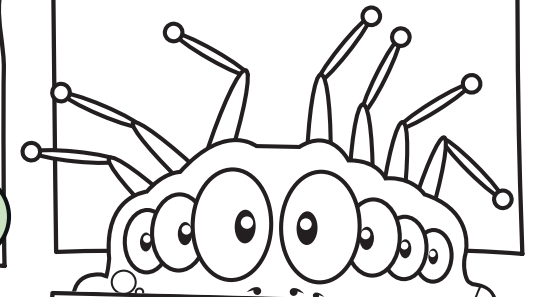
1 4.89

2 $0.08 + 0.07 =$

3 $2.8 \times 100 =$
 $13.8 \div 10 =$

4 $4 \times 0.7 =$

5 $4134 - 75 =$



6 $8 \times 79 =$

7 $423 \div 6 =$

8 5686
 $- 749$

9 85
 $\times 6$

10 $9 \overline{) 3654}$





Enw:

Dosbarth:

Dyddiad:

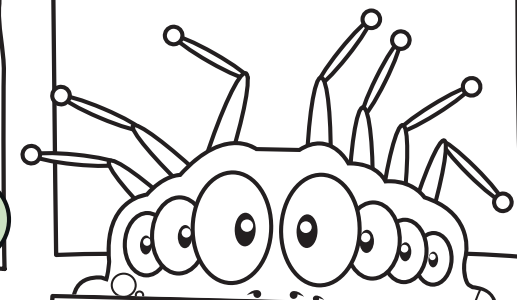
1 3.76

2 $0.06 + 0.09 =$

3 $4.6 \times 100 =$
 $26.5 \div 10 =$

4 $6 \times 0.8 =$

5 $3625 - 64 =$



6 $6 \times 54 =$

7 $254 \div 5 =$

8 7283
 $- \quad 27$

9 73
 $\times \quad 4$

10 $6 \overline{) 3270}$



FY SGÔR DDIWETHAF?!

A LWYDDAIS I GURŌ CLIC?!



Enw:

Dosbarth:

Dyddiad:

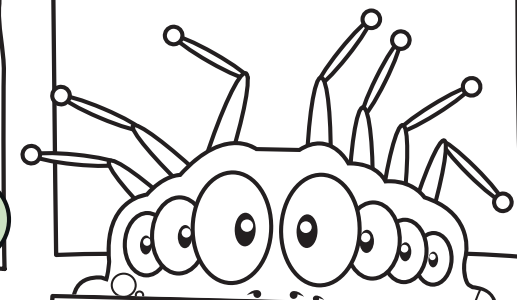
1 5.28

2 $0.03 + 0.05 =$

3 $3.52 \times 100 =$
 $54.7 \div 10 =$

4 $3 \times 0.6 =$

5 $1921 - 58 =$



6 $7 \times 63 =$

7 $492 \div 7 =$

8
$$\begin{array}{r} 2461 \\ - 615 \\ \hline \end{array}$$

9
$$\begin{array}{r} 68 \\ \times 7 \\ \hline \end{array}$$

10 $7 \overline{) 5061}$





Enw:

Dosbarth:

Dyddiad:

1 6.35

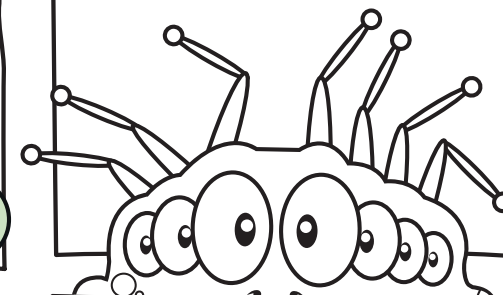
2 $0.07 + 0.06 =$

3 $7.81 \times 100 =$

$82.4 \div 10 =$

4 $5 \times 0.9 =$

5 $5362 - 47 =$



6 $9 \times 48 =$

7 $325 \div 8 =$

8
$$\begin{array}{r} 1820 \\ - \quad 76 \\ \hline \end{array}$$

9
$$\begin{array}{r} 54 \\ \times \quad 8 \\ \hline \end{array}$$

10 $8 \overline{) 6944}$





Enw:

Dosbarth:

Dyddiad:

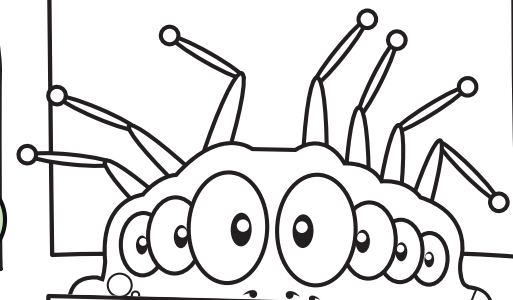
1 8.17

2 $0.04 + 0.08 =$

3 $0.26 \times 100 =$
 $78.3 \div 10 =$

4 $8 \times 0.7 =$

5 $6180 - 23 =$



6 $8 \times 37 =$

7 $458 \div 9 =$

8 4354
 $- 187$

9 47
 $\times 9$

10 $5 \overline{) 7345}$





Enw:

Dosbarth:

Dyddiad:

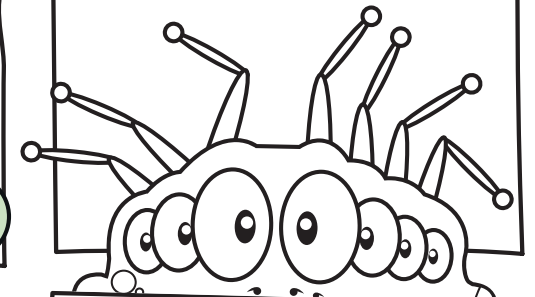
1 2.43

2 $0.09 + 0.03 =$

3 $0.75 \times 100 =$
 $56.4 \div 10 =$

4 $9 \times 0.4 =$

5 $2513 - 36 =$



6 $6 \times 85 =$

7 $543 \div 6 =$

8
$$\begin{array}{r} 6815 \\ - \quad 89 \\ \hline \end{array}$$

9
$$\begin{array}{r} 83 \\ \times \quad 7 \\ \hline \end{array}$$

10 $9 \overline{) 4086}$





Enw:

Dosbarth:

Dyddiad:

1 7.64

2 $0.08 + 0.05 =$

3 $0.064 \times 100 =$

$3.71 \div 10 =$

4 $7 \times 0.6 =$

5 $7435 - 88 =$

6 $9 \times 58 =$

7 $285 \div 7 =$

8 5423
 $- 638$

9 96
 $\times 4$

10 $6 \overline{) 5172}$





Enw:

Dosbarth:

Dyddiad:

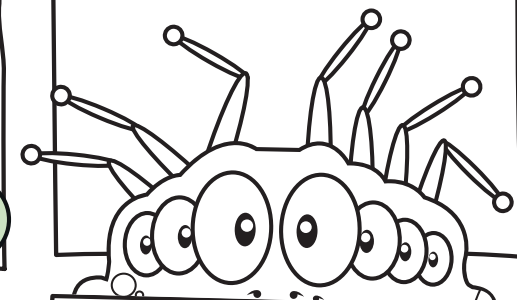
1 9.52

2 $0.07 + 0.06 =$

3 $0.092 \times 100 =$
 $1.89 \div 10 =$

4 $6 \times 0.9 =$

5 $3648 - 59 =$



6 $7 \times 92 =$

7 $724 \div 8 =$

8 7216
 $- 487$

9 75
 $\times 6$

10 $7 \overline{) 6762}$





Enw:

Dosbarth:

Dyddiad:

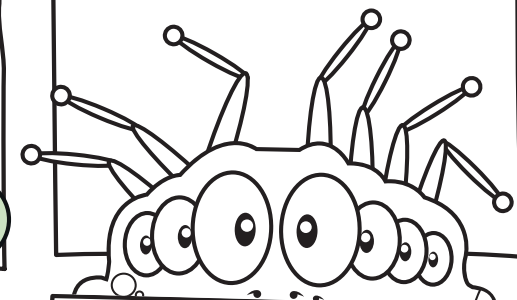
1 3.67

2 $0.06 + 0.08 =$

3 $0.07 \times 100 =$
 $0.74 \div 10 =$

4 $5 \times 0.7 =$

5 $4253 - 78 =$



6 $8 \times 67 =$

7 $632 \div 9 =$

8 3165
 $- 488$

9 57
 $\times 8$

10 $8 \overline{) 7568}$





Enw:

Dosbarth:

Dyddiad:

1 8.46

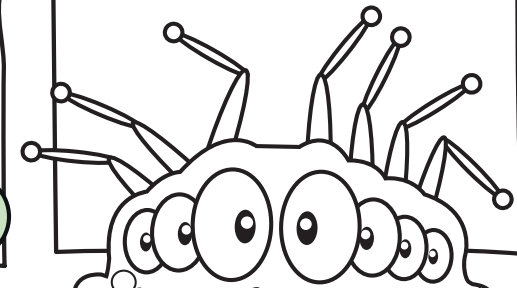
2 $0.09 + 0.09 =$

3 $0.009 \times 100 =$

$0.435 \div 10 =$

4 $9 \times 0.9 =$

5 $6512 - 43 =$



6 $6 \times 94 =$

7 $482 \div 6 =$

8
$$\begin{array}{r} 8026 \\ - 359 \\ \hline \end{array}$$

9
$$\begin{array}{r} 64 \\ \times 9 \\ \hline \end{array}$$

10 $5 \overline{) 9695}$





Enw:

Dosbarth:

Dyddiad:

1

$$\begin{array}{r} 4.89 \\ \diagdown \quad | \quad \diagup \\ 4 \quad 0.8 \quad 0.09 \end{array}$$

2

$$0.08 + 0.07 =$$

0.15

3

$$2.8 \times 100 = \mathbf{280}$$
$$13.8 \div 10 = \mathbf{1.38}$$

4


$$4 \times 0.7 =$$

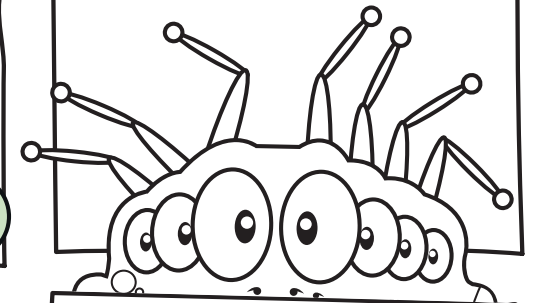
2.8

5

$$4134 - 75 =$$

4059






6

$$8 \times 79 =$$


632




7

$$423 \div 6 =$$


70 r 3



8

$$\begin{array}{r} 5686 \\ - 749 \\ \hline 4937 \end{array}$$



9

$$\begin{array}{r} 85 \\ \times 6 \\ \hline 510 \end{array}$$


10

$$9 \overline{) 3654}$$

406







Enw:

Dosbarth:

Dyddiad:

1

$$\begin{array}{r} 3.76 \\ / \quad | \quad \backslash \\ 3 \quad 0.7 \quad 0.06 \end{array}$$

2

$$0.06 + 0.09 =$$

0.15

3

$$4.6 \times 100 = \mathbf{460}$$
$$26.5 \div 10 = \mathbf{2.65}$$

4


$$6 \times 0.8 =$$

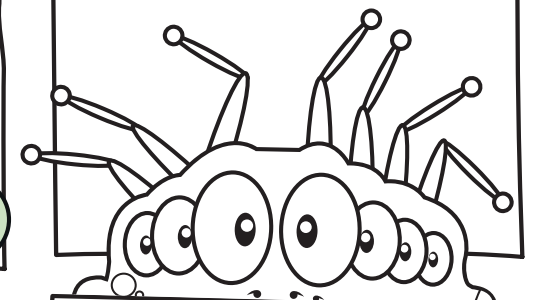
4.8

5

$$3625 - 64 =$$

3561






6

$$6 \times 54 =$$


324




7

$$254 \div 5 =$$


50 r 4



8

$$\begin{array}{r} 7283 \\ - \quad 27 \\ \hline 7256 \end{array}$$


9

$$\begin{array}{r} 73 \\ \times 4 \\ \hline 292 \end{array}$$


10

$$6 \overline{) 3270}$$

545







Enw:

Dosbarth:

Dyddiad:

1

$$\begin{array}{r} 5.28 \\ \diagdown \quad | \quad \diagup \\ 5 \quad 0.2 \quad 0.08 \end{array}$$

2

$$0.03 + 0.05 =$$

0.08

3

$$3.52 \times 100 = \mathbf{352}$$
$$54.7 \div 10 = \mathbf{5.47}$$

4


$$3 \times 0.6 =$$

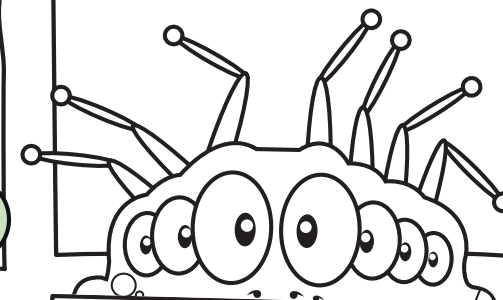
1.8

5

$$1921 - 58 =$$

1863






6

$$7 \times 63 =$$


441




7

$$492 \div 7 =$$


70 r 2



8

$$\begin{array}{r} 2461 \\ - 615 \\ \hline 1846 \end{array}$$



9

$$\begin{array}{r} 68 \\ \times 7 \\ \hline 476 \end{array}$$


10

$$7 \overline{) 5061}$$

723







Enw:

Dosbarth:

Dyddiad:

1

$$\begin{array}{r} 6.35 \\ \diagdown \quad | \quad \diagup \\ 6 \quad 0.3 \quad 0.05 \end{array}$$

2

$$0.07 + 0.06 =$$

0.13

3

$$7.81 \times 100 = \mathbf{781}$$
$$82.4 \div 10 = \mathbf{8.24}$$

4


$$5 \times 0.9 =$$

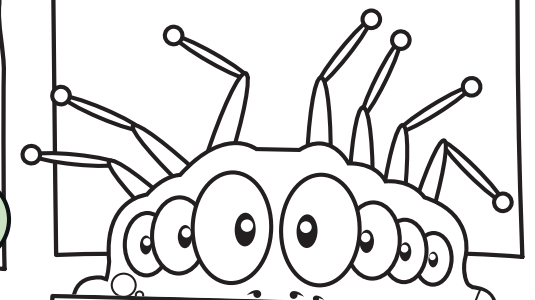
4.5

5

$$5362 - 47 =$$

5315






6

$$9 \times 48 =$$


432




7

$$325 \div 8 =$$


40 r 5



8

$$\begin{array}{r} 1820 \\ - \quad 76 \\ \hline 1744 \end{array}$$



9

$$\begin{array}{r} 54 \\ \times \quad 8 \\ \hline 432 \end{array}$$


10

$$8 \overline{) 6944}$$

868







Enw:

Dosbarth:

Dyddiad:

1

$$\begin{array}{r} 8.17 \\ \diagdown \quad | \quad \diagup \\ 8 \quad 0.1 \quad 0.07 \end{array}$$

2

$$0.04 + 0.08 = 0.12$$

3

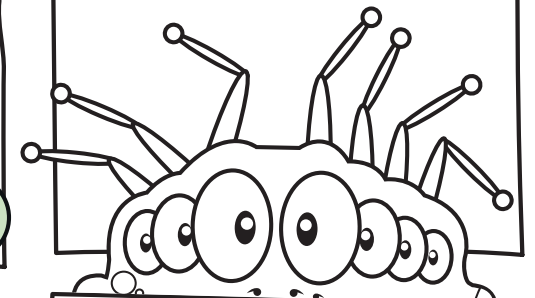
$$0.26 \times 100 = 26$$
$$78.3 \div 10 = 7.83$$

4


$$8 \times 0.7 = 5.6$$

5


$$6180 - 23 = 6157$$


6

$$8 \times 37 = 296$$



7

$$458 \div 9 = 50 \text{ r } 8$$


8

$$\begin{array}{r} 4354 \\ - 187 \\ \hline 4157 \end{array}$$


9

$$\begin{array}{r} 47 \\ \times 9 \\ \hline 423 \end{array}$$


10

$$5 \overline{) 7345} = 1469$$






Enw:

Dosbarth:

Dyddiad:

1

$$\begin{array}{r} 2.43 \\ \hline 2 \quad 0.4 \quad 0.03 \end{array}$$

2

$$0.09 + 0.03 = 0.12$$

3

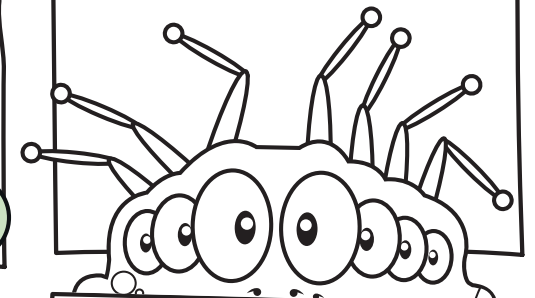
$$0.75 \times 100 = 75$$
$$56.4 \div 10 = 5.64$$

4

$$9 \times 0.4 = 3.6$$

5

$$2513 - 36 = 2477$$



6

$$6 \times 85 = 510$$

7

$$543 \div 6 = 90 \text{ r } 3$$

8

$$\begin{array}{r} 6815 \\ - \quad 89 \\ \hline 6726 \end{array}$$

9

$$\begin{array}{r} 83 \\ \times 7 \\ \hline 581 \end{array}$$

10

$$9 \overline{) 4086} = 454$$





Enw:

Dosbarth:

Dyddiad:

1

$$\begin{array}{r} 7.64 \\ \diagdown \quad | \quad \diagup \\ 7 \quad 0.6 \quad 0.04 \end{array}$$

2

$$0.08 + 0.05 = 0.13$$

3

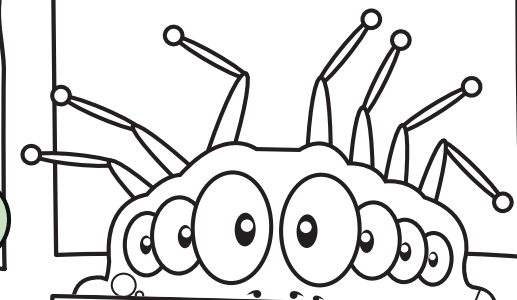
$$0.064 \times 100 = 6.4$$
$$3.71 \div 10 = 0.371$$

4

$$7 \times 0.6 = 4.2$$

5

$$7435 - 88 = 7347$$



6

$$9 \times 58 = 522$$

7

$$285 \div 7 = 40 \text{ r } 5$$

8

$$\begin{array}{r} 5423 \\ - 638 \\ \hline 4785 \end{array}$$

9

$$\begin{array}{r} 96 \\ \times 4 \\ \hline 384 \end{array}$$

10

$$6 \overline{) 5172} = 862$$





Enw:

Dosbarth:

Dyddiad:

1

$$\begin{array}{r} 9.52 \\ \diagdown \quad | \quad \diagup \\ 9 \quad 0.5 \quad 0.02 \end{array}$$

2

$$0.07 + 0.06 = 0.13$$


3

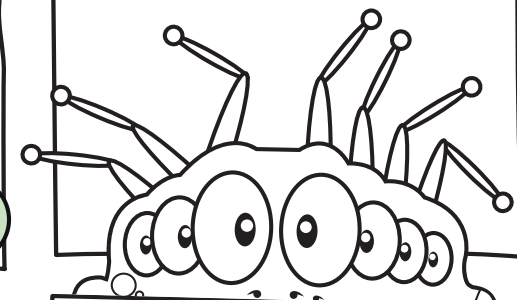
$$0.092 \times 100 = 9.2$$
$$1.89 \div 10 = 0.189$$

4


$$6 \times 0.9 = 5.4$$

5


$$3648 - 59 = 3589$$





6

$$7 \times 92 = 644$$



7

$$724 \div 8 = 90 \text{ r } 4$$



8

$$\begin{array}{r} 7216 \\ - 487 \\ \hline 6729 \end{array}$$


9

$$\begin{array}{r} 75 \\ \times 6 \\ \hline 450 \end{array}$$


10

$$7 \overline{) 6762} = 966$$






Enw:

Dosbarth:

Dyddiad:

1

$$\begin{array}{r} 3.67 \\ \diagdown \quad | \quad \diagup \\ 3 \quad 0.6 \quad 0.07 \end{array}$$

2

$$0.06 + 0.08 = 0.14$$


3

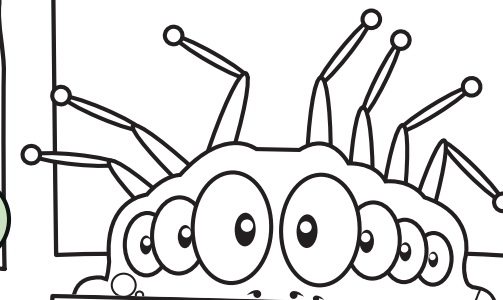
$$0.07 \times 100 = 7$$
$$0.74 \div 10 = 0.074$$

4


$$5 \times 0.7 = 3.5$$

5


$$4253 - 78 = 4175$$





6

$$8 \times 67 = 536$$



7

$$632 \div 9 = 70 \text{ r } 2$$



8

$$\begin{array}{r} 3165 \\ - 488 \\ \hline 2677 \end{array}$$


9

$$\begin{array}{r} 57 \\ \times 8 \\ \hline 456 \end{array}$$


10

$$8 \overline{) 7568} = 946$$






Enw:

Dosbarth:

Dyddiad:

1

$$\begin{array}{r} 8.46 \\ \diagdown \quad | \quad \diagup \\ 8 \quad 0.4 \quad 0.06 \end{array}$$

2

$$0.09 + 0.09 =$$

0.18

3

$$0.009 \times 100 = \mathbf{0.9}$$
$$0.435 \div 10 = \mathbf{0.0435}$$

4


$$9 \times 0.9 =$$

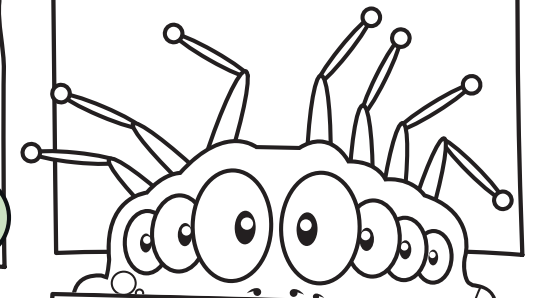
8.1

5

$$6512 - 43 =$$

6469






6

$$6 \times 94 =$$


564



7

$$482 \div 6 =$$


80 r 2



8

$$\begin{array}{r} 8026 \\ - 359 \\ \hline 7667 \end{array}$$


9

$$\begin{array}{r} 64 \\ \times 9 \\ \hline 576 \end{array}$$


10

$$5 \overline{) 9695}$$

1939

