

# Outcome 3 - Long Division

## Bronze example

Examples...  $0\ 4\ 6$

$$\begin{array}{r} 18 \overline{) 828} \\ \underline{-0} \phantom{0} \\ 82 \\ \underline{-72} \phantom{0} \\ 108 \\ \underline{-108} \\ 0 \end{array}$$

1.  $8 \div 18$  2.  $18 \times 0$   
 3.  $8 - 0$  4.  $82 \div 18$   
 5.  $18 \times 4$  6.  $82 - 72$   
 7.  $108 \div 18$  8.  $18 \times 6$   
 9.  $108 - 108$   
 18, 36, 54, 72, 90, 108, ...

## Silver example

Examples...  $0\ 2\ 9$

$$\begin{array}{r} 48 \overline{) 1392} \\ \underline{-0} \phantom{0} \\ 139 \\ \underline{-96} \phantom{0} \\ 432 \\ \underline{-432} \\ 0 \end{array}$$

1.  $13 \div 48$  2.  $48 \times 0$   
 3.  $13 - 0$  4.  $139 \div 48$   
 5.  $48 \times 2$  6.  $139 - 96$   
 7.  $432 \div 48$  8.  $48 \times 9$   
 9.  $432 - 432$   
 48, 96, 144, 192, 240, 288, 366, 384, 432

## Gold example

Examples...  $247, 494, 741, \dots$

$$\begin{array}{r} 247 \overline{) 5681} \\ \underline{-0} \phantom{0} \\ 568 \\ \underline{-494} \phantom{0} \\ 741 \\ \underline{-741} \\ 0 \end{array}$$

1.  $56 \div 247$   
 2.  $247 \times 0$   
 3.  $56 - 0$   
 4.  $568 \div 247$   
 5.  $247 \times 2$   
 6.  $568 - 494$   
 7.  $741 \div 247$   
 8.  $247 \times 3$   
 9.  $741 - 741$

## Bronze Questions

Work out the answers to the following...

1.  $416 \div 13$  2.  $255 \div 15$   
 3.  $432 \div 18$  4.  $392 \div 14$   
 5.  $527 \div 17$  6.  $636 \div 12$   
 7.  $992 \div 16$  8.  $720 \div 15$   
 9.  $1050 \div 14$  10.  $612 \div 18$

## Silver Questions

Work out the answers to the following...

1.  $840 \div 24$  2.  $2646 \div 42$   
 3.  $1672 \div 38$  4.  $4731 \div 83$   
 5.  $2204 \div 76$  6.  $805 \div 35$   
 7.  $3828 \div 58$  8.  $2068 \div 22$   
 9.  $6882 \div 93$  10.  $3608 \div 44$

## Gold Questions

Work out the answers to the following...

1.  $4292 \div 148$   
 2.  $38\ 874 \div 682$   
 3.  $32\ 908 \div 433$   
 4.  $16\ 524 \div 243$   
 5.  $64\ 855 \div 763$   
 6.  $53\ 862 \div 573$

## Bronze Answers

- |       |        |
|-------|--------|
| 1. 32 | 2. 17  |
| 3. 24 | 4. 28  |
| 5. 31 | 6. 53  |
| 7. 62 | 8. 48  |
| 9. 75 | 10. 34 |

## Silver Answers

- |       |        |
|-------|--------|
| 1. 35 | 2. 63  |
| 3. 44 | 4. 57  |
| 5. 29 | 6. 23  |
| 7. 66 | 8. 94  |
| 9. 74 | 10. 82 |

## Gold Answers

- |       |       |       |
|-------|-------|-------|
| 1. 29 | 2. 57 | 3. 76 |
| 4. 68 | 5. 85 | 6. 94 |