

Outcome 3 - Dividing Decimals

Bronze examples

Examples...

$$\begin{array}{r} 04.97 \\ 6 \overline{) 2^2 9.^5 8^4 2} \\ \hline 05.73 \\ 8 \overline{) 4^4 5.^5 8^2 4} \end{array}$$

Silver example

Examples...

$$4221.44 \div 8$$

$$\begin{array}{r} 0527.68 \\ 8 \overline{) 4^4 2^2 6^1 .5 4^6 4} \end{array}$$

Gold examples

Example...

$$3.6 \div 0.4 = 36 \div 4 = 9$$

** Multiply both numbers by 10! **

$$0.042 \div 0.06 = 4.2 \div 6 = 0.7$$

** Multiply both numbers by 100! **

$$0.27 \div 0.003 = 270 \div 3 = 90$$

** Multiply both numbers by 1000! **

Bronze Questions

 1 $3 \overline{) 15.81}$	 2 $4 \overline{) 34.48}$
 3 $2 \overline{) 14.86}$	 4 $5 \overline{) 34.35}$
 5 $7 \overline{) 67.41}$	 6 $6 \overline{) 76.32}$
 7 $9 \overline{) 56.25}$	 8 $8 \overline{) 92.96}$
 9 $6 \overline{) 55.56}$	 10 $7 \overline{) 54.74}$

Silver Questions

 1 $246.8 \div 2$	 2 $1845.69 \div 3$
 3 $1705.08 \div 4$	 4 $6394.5 \div 5$
 5 $17\,241.54 \div 6$	 6 $89\,613.04 \div 8$
 7 $292\,524.4 \div 7$	 8 $192\,813.03 \div 9$
 9 $1\,972\,317.6 \div 8$	 10 $1\,948\,127.46 \div 6$

Gold Questions

 1 $14 \div 0.7$	 2 $30 \div 0.6$
 3 $8.1 \div 0.9$	 4 $0.56 \div 0.8$
 5 $2.8 \div 0.07$	 6 $0.032 \div 0.04$
 7 $0.021 \div 0.003$	 8 $0.36 \div 0.006$
 9 $0.18 \div 0.9$	 10 $0.024 \div 0.3$

Bronze Answers

- | | |
|---------|----------|
| 1. 5.27 | 2. 8.62 |
| 3. 7.43 | 4. 6.87 |
| 5. 9.63 | 6. 12.72 |
| 7. 6.25 | 8. 11.62 |
| 9. 9.26 | 10. 7.82 |

Silver Answers

- | | |
|--------------|----------------|
| 1. 123.4 | 2. 615.23 |
| 3. 426.27 | 4. 1278.9 |
| 5. 2873.59 | 6. 11 201.63 |
| 7. 41 789.2 | 8. 21 423.67 |
| 9. 246 539.7 | 10. 324 687.91 |

Gold Answers

- | | |
|--------|----------|
| 1. 20 | 2. 50 |
| 3. 9 | 4. 0.7 |
| 5. 40 | 6. 0.8 |
| 7. 7 | 8. 60 |
| 9. 0.2 | 10. 0.08 |