

Outcome 3 - Multiplying Decimals

Bronze examples

Examples...

$$\begin{array}{r} 5.2 \\ \times 7 \\ \hline 36.4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 42.89 \\ \times 3 \\ \hline 128.67 \\ \hline 22 \end{array}$$

Silver example

Examples...

$$\begin{array}{r} 3987.42 \times 7 \\ \hline 3987.42 \\ \times 7 \\ \hline 27911.94 \\ \hline 66521 \end{array}$$

Gold examples

Example...

$$0.7 \times 0.7 = 0.49$$

TWO digits after point TWO digits after point

$$0.03 \times 0.8 = 0.024$$

THREE digits after point THREE digits after point

$$7 \times 7 = 49$$

$$3 \times 8 = 24$$

Bronze Questions

 1	5.73×3	 2	2.47×5	 3	8.23×2
 4	0.78×4	 5	6.27×6	 6	34.89×8
 7	62.53×9	 8	82.67×7	 9	38.97×6

Silver Questions

 1	96.7×2	 2	78.42×3	 2
 3	240.7×5	 4	379.26×4	
 5	1862.8×9	 6	5683.12×7	
 7	$23\,783.9 \times 8$	 8	$42\,578.93 \times 6$	
 9	$148\,961.4 \times 7$	 10	$635\,486.83 \times 9$	

Gold Questions

 1	0.2×0.9	 2	0.3×0.3	
 3	0.8×0.06	 4	0.05×0.7	
 5	0.06×0.09	 6	0.007×0.04	
 7	0.21×0.3	 8	0.6×0.42	
 9	0.073×0.05	 10	0.009×0.064	

Bronze Answers

1. 17·19 2. 12·35 3. 16·46
4. 3·12 5. 37·62 6. 279·12
7. 562·77 8. 578·69 9. 233·82

Silver Answers

1. 193·4 2. 235·26
3. 1203·5 4. 1517·04
5. 16 765·2 6. 39 781·84
7. 190 271·2 8. 255 473·58
9. 1 042 729·8 10. 5 719 381·47

Gold Answers

1. 0·18 2. 0·09
3. 0·048 4. 0·035
5. 0·0054 6. 0·00028
7. 0·063 8. 0·252
9. 0·00365 10. 0·000576