

Outcome 1 - Multiplying by 10, 100 & 1000

Bronze examples

Examples...

$37 \times 10 = 370$

$10 \times 820 = 8200$

$6925 \times 10 = 69\ 250$

****To multiply by 10... move all digits up ONE place value****

Silver examples

Examples...

$25 \times 100 = 2500$

$100 \times 74 = 7400$

$1000 \times 46 = 46\ 000$

$952 \times 1000 = 952\ 000$

****To multiply by 100... move all digits up TWO place values****

****To multiply by 1000... move all digits up THREE place values****

Gold examples

Examples...

$4.39 \times 10 = 43.9$

$24.86 \times 100 = 2486$

$1.25 \times 1000 = 1250$

$0.39 \times 100 = 39$

****To multiply by 10... move all digits up ONE place values****

****To multiply by 100... move all digits up TWO place values****

****To multiply by 1000... move all digits up THREE place values****

Hundreds of Thousands	Tens of Thousands	Thousands	Hundreds	Tens	Units	•	Tenths	Hundredths	Thousandths
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Bronze Questions

- 1 7×10
- 2 10×4
- 3 83×10
- 4 10×59
- 5 480×10
- 6 609×10
- 7 10×7234
- 8 2349×10
- 9 $74\ 623 \times 10$
- 10 $10 \times 38\ 269$

Silver Questions

- 1 567×10
- 2 10×8531
- 3 6×100
- 4 100×40
- 5 692×100
- 6 100×2590
- 7 5×1000
- 8 1000×70
- 9 23×1000
- 10 1000×852

Gold Questions

- 1 4.23×10
- 2 10×0.543
- 3 100×6.2
- 4 9.5×100
- 5 0.379×100
- 6 100×8.25
- 7 1000×6.157
- 8 7.2×1000
- 9 1000×23.8
- 10 0.0387×1000

Bronze Answers

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|----|---------|-----|---------|
| 1. | 70 | 2. | 40 |
| 3. | 830 | 4. | 590 |
| 5. | 4800 | 6. | 6090 |
| 7. | 72 340 | 8. | 23 490 |
| 9. | 746 230 | 10. | 382 690 |

Silver Answers

- | | | | |
|----|--------|-----|---------|
| 1. | 5670 | 2. | 85 310 |
| 3. | 600 | 4. | 4000 |
| 5. | 69 200 | 6. | 259 000 |
| 7. | 5000 | 8. | 70 000 |
| 9. | 23 000 | 10. | 852 000 |

Gold Answers

- | | | | |
|----|--------|-----|------|
| 1. | 42·3 | 2. | 5·43 |
| 3. | 620 | 4. | 950 |
| 5. | 37·9 | 6. | 825 |
| 7. | 6157 | 8. | 7200 |
| 9. | 23 800 | 10. | 38·7 |