

## Decimals to Percentages

### Workout

Question 1:

- |         |         |         |         |
|---------|---------|---------|---------|
| (a) 25% | (b) 75% | (c) 13% | (d) 88% |
| (e) 49% | (f) 92% | (g) 61% | (h) 7%  |
| (i) 3%  | (j) 44% | (k) 50% | (l) 90% |
| (m) 72% | (n) 80% | (o) 1%  | (p) 36% |

Question 2:

- |           |           |            |            |
|-----------|-----------|------------|------------|
| (a) 12.5% | (b) 95.3% | (c) 38.2%  | (d) 60.3%  |
| (e) 7.5%  | (f) 2.1%  | (g) 14.25% | (h) 96.82% |
| (i) 0.3%  | (j) 7.2%  | (k) 84.4%  | (l) 70.03% |

Question 3:

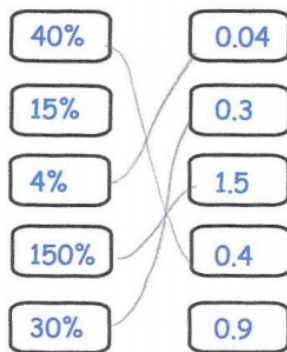
- |                    |                    |                     |                            |
|--------------------|--------------------|---------------------|----------------------------|
| (a) $33.\dot{3}\%$ | (b) $66.\dot{6}\%$ | (c) $47.\dot{4}7\%$ | (d) $80.\dot{8}0\%$        |
| (e) $88.\dot{8}\%$ | (f) $11.\dot{1}\%$ | (g) $52.\dot{5}2\%$ | (h) $12.\dot{3}1\dot{2}\%$ |

Question 4:

- |          |           |           |           |
|----------|-----------|-----------|-----------|
| (a) 163% | (b) 125%  | (c) 180%  | (d) 101%  |
| (e) 250% | (f) 297%  | (g) 315%  | (h) 382%  |
| (i) 470% | (j) 1062% | (k) 1580% | (l) 1008% |

### Apply

Question 1:



Question 2:

- (a) 0.09, 20%, 0.4, 45%, 0.5
- (b) 13%, 20%, 0.59, 0.8, 85%
- (c) 25%, 29%, 0.3, 0.33, 35%

Question 3:

Counter examples:

0.2 does not equal 2%

0.201 does not equal 201%

Question 4:

0.306 = 30.6% which is less than 31%