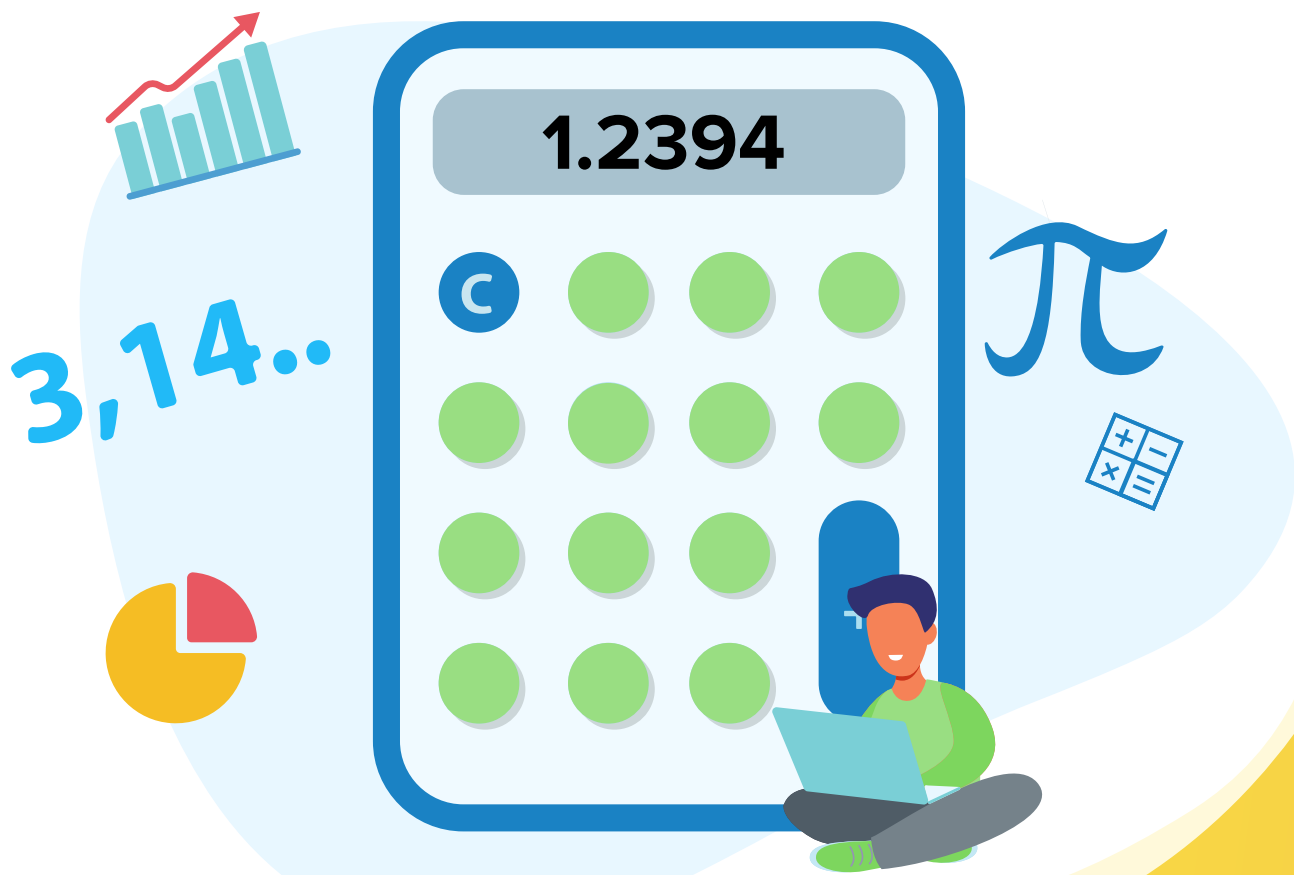


Mathletics

Decimal Worksheets



Teacher Solutions

Year 9

Basics:

1. **a** 102 **b** 103
 c 1 **d** 2000
-
2. **a** 34.57 **b** 216.8 **c** 1900
 d 2048 **e** 0.1 **f** 56.22983
-
3. 18.82 m²

Knowing More:

1. **a** 3 **b** 5 **c** 4
 d 4 **e** 5 **f** 2
 g 8 **h** 4
-
2. **a** 346 **b** 346.0
 c 0.00347 **d** 123 000
-
3. **a** 3205 or 3214
 b 0.045 21 or 0.045 16

Using Our Knowledge:

1. **a** 4:1 **b** 5:1
 c 3:7 **d** 4:15
-
2. **a** 1:4 **b** 4:1
-
3. **a** 100 parts of flour and 60 parts of water
 b 30 parts are flour **c** 38 parts
-
4. **a** Melissa gets \$3000 and Garthe gets \$600
 b Melissa gets \$800 and Garthe gets \$2800

Using Our Knowledge:

5. **a** 62 pages per day **b** 52.5 days
-
6. 5 m/s
-
7. 1242 km/h
-
8. **a** 18 L/min **b** 1080 L/h
 c 2160 L
-
9. 0.765 km
-
10. **a** \$1.30 per L **b** 19.5 L
 c \$25.35

Thinking More:

1. **a** 0.2 **b** 0.8 $\dot{6}$
 c 0.1203 **d** 0.3456
-
2. **a** 0.444... **b** 0.322 22...
 c 0.109 109 109 109...
 d 7.362 416 241 624 1...
-
3. **a** $\frac{2}{3}$ **b** $\frac{35}{99}$
 c $\frac{41}{333}$ **d** $\frac{92}{33}$
-
4. 1
-
5. **a** $\frac{41}{90}$ **b** $\frac{21}{990}$
 c $\frac{13}{75}$ **d** $\frac{5197}{9900}$

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