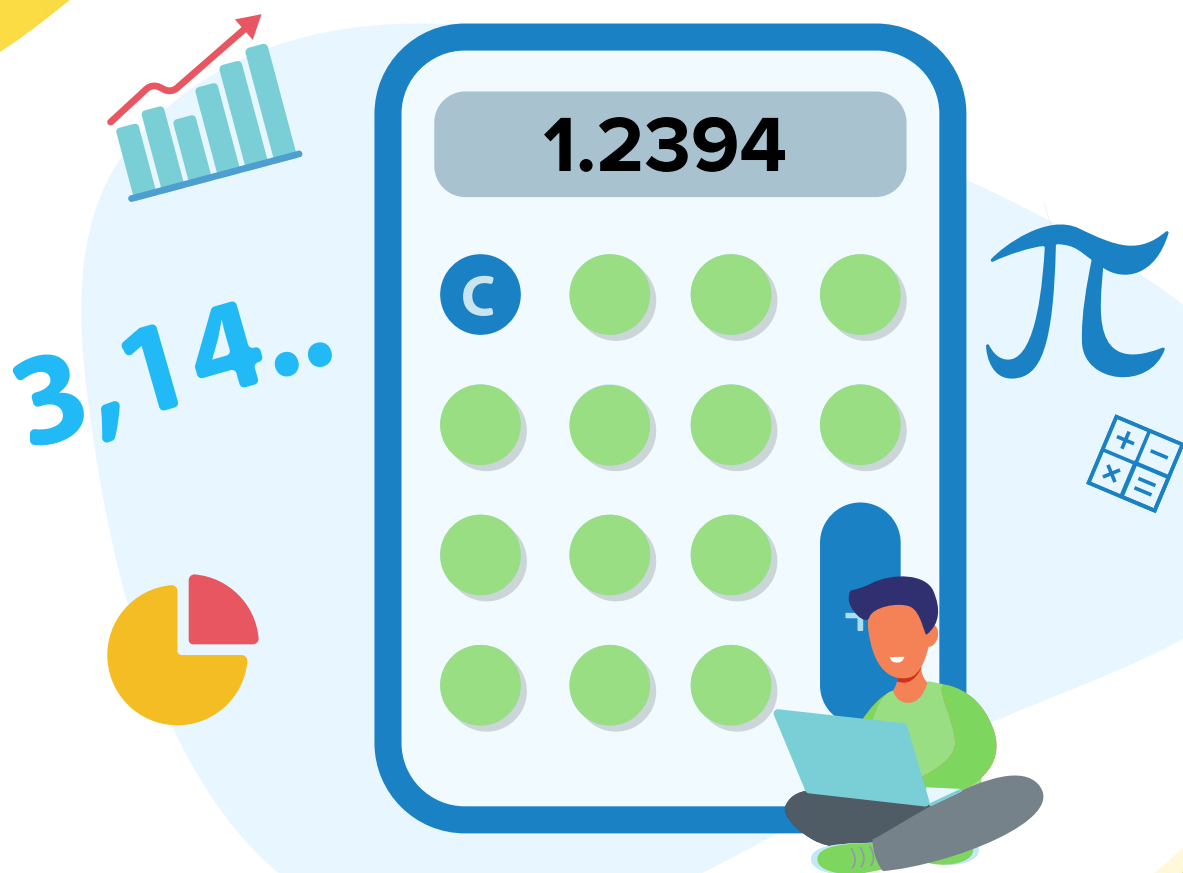


Mathletics

# Decimal Worksheets



Teacher Solutions

Grade 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 m<sup>2</sup>

**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** 0.86  
      **c** 0.1203                      **d** 0.3456
2. **a** 0.444...                      **b** 0.322 22...  
      **c** 0.109109109109...  
      **d** 7.362 416 241 6241...
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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