



Mastery Decimal places (B+, G, G+)

**abacus Mastery Checkpoint**  
**Have you mastered numbers with two decimal places?**

a)  $365 \div 10$      $365 \div 100$      $4.02 \times 10$      $7.5 \times \square = 750$      $0.52 \times \square = 5.2$

b) Write the next three numbers in each sequence:

3.25	3.35	3.45	<input type="text"/>	<input type="text"/>	<input type="text"/>
2.46	2.47	2.48	<input type="text"/>	<input type="text"/>	<input type="text"/>
4.42	4.32	4.22	<input type="text"/>	<input type="text"/>	<input type="text"/>

Write a number with two decimal places between 3.5 and 4.5, which:

c) rounds to 4 when rounded to the nearest whole number  
 d) rounds to 3.5 when rounded to the nearest tenth  
 e) rounds to 4.5 when rounded to the nearest tenth

**Champions' Challenge**

1. Think of a number that loses a digit when you divide it by 100.  
 $\square\square\square \div 100 = \square.\square$

2. Think of a number that gains a digit when you divide it by 100.  
 $\square\square \div 100 = \square.\square\square$

Year 5 Mastery Checkpoint I2 Week II

a)  $365 \div 10 = \underline{\hspace{2cm}}$      $365 \div 100 = \underline{\hspace{2cm}}$      $4.02 \times 10 = \underline{\hspace{2cm}}$

$7.5 \times \underline{\hspace{2cm}} = 750$      $0.52 \times \underline{\hspace{2cm}} = 5.2$

b)  $\underline{\hspace{2cm}}$      $\underline{\hspace{2cm}}$      $\underline{\hspace{2cm}}$   
 $\underline{\hspace{2cm}}$      $\underline{\hspace{2cm}}$      $\underline{\hspace{2cm}}$   
 $\underline{\hspace{2cm}}$      $\underline{\hspace{2cm}}$      $\underline{\hspace{2cm}}$

c)  $\underline{\hspace{2cm}}$     d)  $\underline{\hspace{2cm}}$     e)  $\underline{\hspace{2cm}}$

**Champions' Challenge**

1. Think of a number that loses a digit when you divide it by 100.  
 $\square\square\square \div 100 = \square.\square$

2. Think of a number that gains a digit when you divide it by 100.  
 $\square\square \div 100 = \square.\square\square$

Year 5 Mastery Checkpoint I2 Week II