Review

# Module Assessment

Name _____ Date _____

1. Which area model shows 9,657 ÷ 9?

A.

| | 1 | 7 | 3 |
|---|---|---|---|
| 9 | 9,000 | 630 | 27 |

B.

| | 100 | 70 | 3 |
|---|---|---|---|
| 9 | 9,000 | 630 | 27 |

C.

| | 1,000 | 70 | 3 |
|---|---|---|---|
| 9 | 9,000 | 630 | 27 |

D.

| | 1,000 | 700 | 3 |
|---|---|---|---|
| 9 | 9,000 | 630 | 27 |

2. Multiply.

$4{,}962 \times 3 =$ _____

$57 \times 63 =$ _____

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3. Adam found 147 ÷ 3. His work is shown.

147 ÷ 3 = 13

```
  9
  4
3)147
-120
  27
 -27
   0
```

Adam made a mistake. Explain the mistake and find the correct quotient.

4. Eva begins to make a table to show how gallons convert to quarts.

**Part A**

Complete the table.

| Gallons | Quarts |
|---|---|
| 1 | |
| 3 | |
| 6 | |
| 10 | |

**Part B**

Eva makes 8 gallons of lemonade for the school dance. How many quarts of lemonade does she make?

Eva makes _____ quarts of lemonade.


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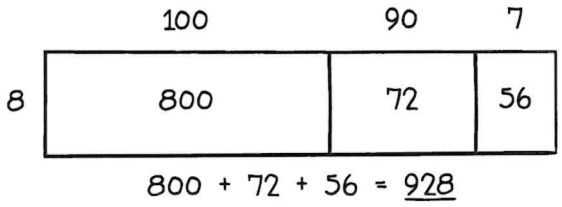
5. Deepa found 197 × 8. Her work is shown.




Deepa made a mistake. Explain her mistake and find the correct product.

6. Divide.

588 ÷ 7 = _____

1,446 ÷ 6 = _____

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Review



7. A pet store owner has 243 goldfish. She sells 67 of them. She places the remaining goldfish in equal groups among her goldfish bowls. Each goldfish bowl holds 8 goldfish.

**Part A**

Which is the closest estimate for the number of bowls the pet store owner needs for the remaining goldfish?

A. 20

B. 30

C. 40

D. 160

**Part B**

How many bowls does the pet store owner need for the remaining goldfish?

The pet store owner needs _____ bowls.

**Part C**

Is your answer reasonable? Explain.

8. Which expression can you use to find $42 \times 56$?

A. $(40 \times 2) + (50 \times 6)$

B. $(40 \times 50) + (2 \times 6)$

C. $(42 \times 5) + (42 \times 6)$

D. $(42 \times 50) + (42 \times 6)$



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Answer key



Review

# Module Assessment

Name _____ Date _____

4.NBT.B.6

1. Which area model shows 9,657 ÷ 9?

A.

| | 1 | 7 | 3 |
|---|---|---|---|
| 9 | 9,000 | 630 | 27 |

B.

| | 100 | 70 | 3 |
|---|---|---|---|
| 9 | 9,000 | 630 | 27 |

C.

| | 1,000 | 70 | 3 |
|---|---|---|---|
| 9 | 9,000 | 630 | 27 |

D.

| | 1,000 | 700 | 3 |
|---|---|---|---|
| 9 | 9,000 | 630 | 27 |

1073
9
9,657

4.NBT.B.5

2. Multiply.

4,962 × 3 = _____

4962
× 3
14,886

57 × 63 = _____

63
× 57
441
+3150
3,591

(60×50)+(60×7)+(3×7)+(50×3)
3000+420+21+150

3000
420
150
+ 21
3591

180
2700
+12000
14,886

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4.NBT.B.6

3. Adam found 147 ÷ 3. His work is shown.

147 ÷ 3 = 13

```
   9
   4
3)147
 -120
  27
 -27
   0
```

```
   9
  40 = 49
3)147
 -120
  27
 -27
  00
```

Adam made a mistake. Explain the mistake and find the correct quotient.

Adam wrote 4 x 3 = 120 instead 40 x 3 = 120. The correct quotient is 49.

4. Eva begins to make a table to show how gallons convert to quarts.

**Part A**

Complete the table.

1.MD.A.1
1.MD.A.2

x 4 =

| Gallons | Quarts |
|---|---|
| 1 | 4 |
| 3 | 12 |
| 6 | 24 |
| 10 | 40 |

**Part B**

1 gal = 4 qt.

Eva makes 8 gallons of lemonade for the school dance. How many quarts of lemonade does she make?

8 x 4 = 32

Eva makes 32 quarts of lemonade.


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100 90 7

8 | 800 | 720 | 56

800
720
+ 56
1,576

## 4.NBT.B.5

5. Deepa found 197 × 8. Her work is shown.

| | 100 | 90 | 7 |
|---|---|---|---|
| 8 | 800 | 72 | 56 |

800 + 72 + 56 = 928

Deepa made a mistake. Explain her mistake and find the correct product.

Deepa wrote 90 x 8 = 72 and it should be 90 x 8 = 720.
The correct product is 1,576.

## 4NBT.B.6

6. Divide.

588 ÷ 7 = 84

```
   4
  80
7|588
-560
  28
 -28
   0
```

1,446 ÷ 6 = 241

```
    40
   200
6|1446
-1200
  246
 -240
    6
   -6
    0
```

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4.OA.A.3

7. A pet store owner has 243 goldfish. She sells 67 of them. She places the remaining goldfish in equal groups among her goldfish bowls. Each goldfish bowl holds 8 goldfish.

**Part A**

Which is the closest estimate for the number of bowls the pet store owner needs for the remaining goldfish?

A. 20

B. 30

C. 40

D. 160

$243 - 67 = 176$

$176 \approx 200$

$176 \div 8 = 22$

**Part B**

How many bowls does the pet store owner need for the remaining goldfish?

The pet store owner needs 22 bowls.

**Part C**

Is your answer reasonable? Explain.

Yes $22 \approx 20$

4.NBT.B.5

8. Which expression can you use to find $42 \times 56$?

A. $(40 \times 2) + (50 \times 6)$

B. $(40 \times 50) + (2 \times 6)$

C. $(42 \times 5) + (42 \times 6)$

D. $(42 \times 50) + (42 \times 6)$



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