Mathematics
Grade 6

Ready EOG Practice 6.NS.2 (Division of Whole Numbers)

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Rockingham County   **2013 - 2014**

1. An airplane is traveling at 625 miles per hour. At this rate, *about* how long will it take the plane to travel 3,250 miles?

A. 5.5 hours

B. 5 hours

C. 4.5 hours

D. 3 hours

2. What is the value 486 ÷ 18?

A. 26

B. 27

C. 28

D. 29

3. Which number is *not* a factor of 105?

A. 3

B. 5

C. 7

D. 9

4. Which number is *not* a factor of 184?

A. 2

B. 4

C. 6

D. 8

5. A school supply company is giving away free whiteboards to promote their stain-free markers. The company can spend up to $42,840 on the whiteboards. If each whiteboard costs the company $8, how many whiteboards will they be able to give away?

A. 5,355

B. 5,455

C. 6,355

D. 6,455

6. John has a box containing 312 chocolates. He wants to distribute them equally among each of the 24 students in his class.

How many chocolates does each student get?

A. 13

B. 24

C. 288

D. 7,488

7. A wholesaler stores soft drink cans in crates. Each crate holds 15 cans.

How many crates will the wholesaler need to store the entire stock of 260 cans?

A. 5

B. 15

C. 17

D. 18

8. What is the quotient obtained by dividing 4,452 by 7?

A. 636

B. 637

C. 646

D. 737

9. A university has 8,762 students enrolled. It also has 26 identical dormitories to house all students.

If each dormitory has the same number of students, how many students are housed in each dormitory?

A. 438

B. 437

C. 338

D. 337

#	Answer	Objective		#	Answer	Objective
1.	B	Obj : 6.NS.2. Fluently divide multi-digit numbers usi...		5.	A	Obj : 6.NS.2. Fluently divide multi-digit numbers usi...
2.	B	Obj : 6.NS.2. Fluently divide multi-digit numbers usi...		6.	A	Obj : 6.NS.2. Fluently divide multi-digit numbers usi...
3.	D	Obj : 6.NS.2. Fluently divide multi-digit numbers usi...		7.	D	Obj : 6.NS.2. Fluently divide multi-digit numbers usi...
4.	C	Obj : 6.NS.2. Fluently divide multi-digit numbers usi...		8.	A	Obj : 6.NS.2. Fluently divide multi-digit numbers usi...
				9.	D	Obj : 6.NS.2. Fluently divide multi-digit numbers usi...

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Objectives Measured:	Items	Questions measuring this objective
Obj : 6.NS.2. Fluently divide multi-digit numbers usi...	9	1, 2, 3, 4, 5, 6, 7, 8, 9

#	Key	Item ID
1.	B	MC 33419
2.	B	MC 126504
3.	D	MC 126506
4.	C	MC 126507

#	Key	Item ID
5.	A	MC 126508
6.	A	MC 137453
7.	D	MC 137455
8.	A	MC 137452
9.	D	MC 140166