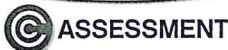


Multiple Choice



Practice / Homework

Help

1. The International Space Station takes 644 minutes to orbit Earth 7 times. About how long does each orbit take? (4-2)
- A 100 minutes
- B 95 minutes
- C 90 minutes**
- D 80 minutes

$$\boxed{644} \div 7$$

$$630 \div 7 = 90$$

2. If \$2,400 is divided evenly by 3 charities, how many dollars does each charity get? (4-1)
- A 60
- B 80
- C 800**
- D 8,000

$$\begin{array}{r} 0800 \\ 3 \overline{) 2400} \\ \underline{-24} \\ 0 \end{array}$$

3. If 283 is divided by 4, where should the first digit of the quotient be placed? (4-4)
- A** Because 4 is greater than 2, it should be in the tens place.
- ~~X~~ B Because 4 is less than 2, it should be in the tens place.
- C Because 4 is greater than 2, it should be in the hundreds place.
- ~~X~~ D Because 4 is less than 2, it should be in the hundreds place.

$$\begin{array}{r} \downarrow \\ 07 \\ 4 \overline{) 283} \end{array}$$

zero is a place holder,
not the quotient
(answer)

4. Which of the following is the most reasonable estimate of $913 \div 4$? (4-3)
- A 200
- B 225
- C 250
- D 300

show your work

5. The table shows the amount raised by teams for the children's hospital. Raquel's team raised 4 times the amount that Jeremy's team raised. How much did Jeremy's team raise? (4-5)

Team Leader	Amount Raised
Raquel	\$836
Jeremy	
Charles	\$448

- A \$209
- B \$204
- C \$112
- D \$29

Raquel = 4 x Jeremy

$$836 = 4 \times J$$

so $836 \div 4 = ?$

6. Which of the following shows the best way to estimate $712 \div 8$ using compatible numbers? (4-2)
- A $700 \div 8$
- B** $720 \div 8$
- C $730 \div 8$
- D $800 \div 8$

$$\boxed{712} \div 8$$

$$720 \div 8$$

Constructed Response

$208 \div 7$
 $210 \div 7 = 30$ ← complete equation

7. The student council has 186 members divided as evenly as possible into 8 committees. How many members are on each committee? (4-4)

186

8. A marathon race has 522 runners divided as evenly as possible into 6 groups. About how many runners are in each group? Use compatible numbers to solve. (4-3)

$522 \div 6$
 $540 \div 6 = ?$

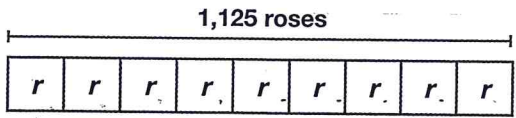
9. A set of 490 DVDs is being divided equally by 7 people. How many DVDs does each person get? (4-1)

$490 \div 7 = ?$

10. A prize of \$1,100 is being shared equally by 4 students. How much money does each student receive? (4-5)

$4 \overline{)1100}$

11. A florist is making flower arrangements. She has 1,125 roses to place in 9 arrangements. What equation can be used to find r , the number of roses in each arrangement? (4-7)



Roses in each arrangement ↑ a boxes

$1125 \div 9 = r ; r = ?$

12. A high school has \$1,016 available for scholarships and \$2,592 available for grants. If 8 students are awarded equal parts of the money for scholarships, how much does each student receive? (4-4)

$1016 \div 8 = ?$

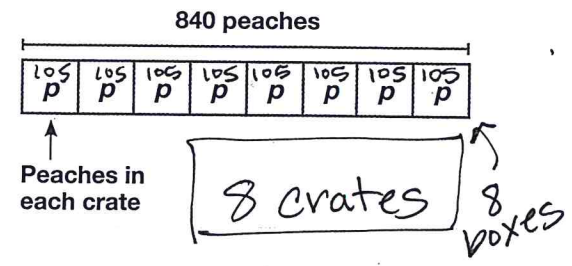
\$2592 is extra because that money is for grants, not scholarships.

13. Write an equation to show the best way to estimate $208 \div 7$ using compatible numbers. (4-2)

14. For each pair, determine if the quotient is the same or different. Mark Yes or No. (4-1)

- $3,600 \div 6$ and $1,200 \div 4$ A Yes B No
 $2,700 \div 3$ and $8,100 \div 9$ A Yes B No
 $20,000 \div 4$ and $40,000 \div 8$ A Yes B No
 $42,000 \div 7$ and $54,000 \div 6$ A Yes B No

15. Margaret's Farm has 840 peaches ready to sell. If 105 peaches fit in each crate, how many crates can be filled? (4-7)



check: $4 \times 105 = 840$ yes