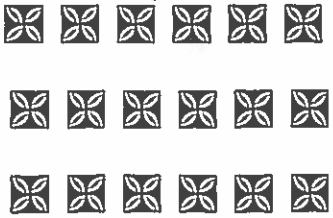
/70

Grade 4 Division Test Name: _____

Write two multiplication sentences for each model then relate to two division sentences:

1.)  _____X_____ = _____ _____÷_____ = _____

_____X_____ = _____ _____÷_____ = _____

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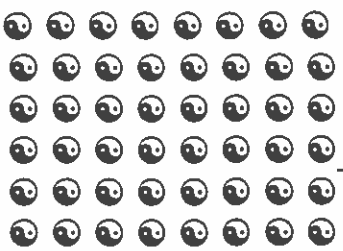
2).  _____X_____ = _____ _____÷_____ = _____

_____X_____ = _____ _____÷_____ = _____

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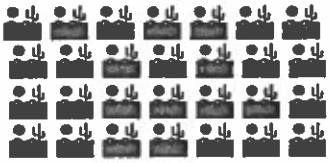
3).  _____X_____ = _____ _____÷_____ = _____

_____X_____ = _____ _____÷_____ = _____

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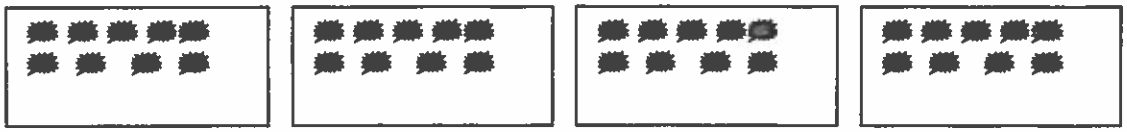
4). 

_____sets of _____= _____

_____+_____+_____+_____= _____

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_____x_____=_____

_____÷_____=_____

5).

_____sets of _____= _____

/4

_____+_____+_____+_____+_____+_____+_____= _____

_____x_____=_____

_____÷_____=_____

/20

6. $20 \div 5 =$ ___ is the same as ☐ x $5 = 20$ Answer and explain using a model and words.

4

7. Show how to skip count backwards by 4s from 36 to 0. Use the number line. (show your work)

4

b) How many 4s did you count?

c) $36 \div 4 =$

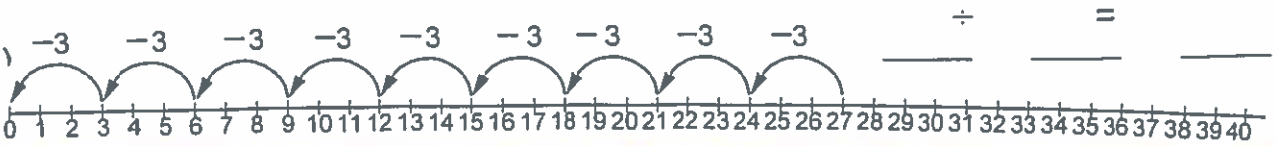
8. What division does each number line show?

a)

2

35 ÷ ____ = ____

b)



2

9. Show each division on a number line. Write the quotient.

a) $40 \div 4 =$ ____

2

b)

$40 \div 8 =$ ____

2

/11

10) Use the multiplication sentence to calculate the quotient.

4

a) 3 X 7 = 21, so 21 ÷ 7 =

b) 8 X 9 = 72, so 72 ÷ 8 =

c) 6 X 5 = 30, so 30 ÷ 5 =

d) 5 X 7 = 35, so 35 ÷ 5 =

11). Calculate, then write a related division sentence.

10

a) 4 X 3 = ____ _____

b) 2 X 9 = ____ _____

c) 6 X 7= ____ _____

d) 1 X 10= ____ _____

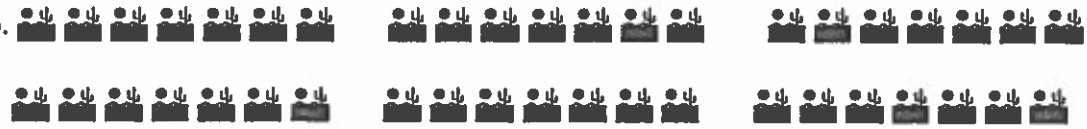
e) 9 X 7 = ____ _____

12). Create a division sentence from the picture, solve and include the remainder:

a).

3

35 ÷ ____ = ____ R

b). 

3

____ ÷ ____ = ____ R

c)

3

____ ÷ ____ = ____ R

23

d) draw a model using symbols to show this division sentence:

$5\overline{)28} = 5\text{ R }3$

2

e) $7\overline{)40} = 5\text{ R }5$

2

13. Oswald is making paper airplanes with 3 decals on each plane.
a) If he has 29 decals, how many airplanes can he make ?

2

b) How many decals will he have left over? (or remaining)

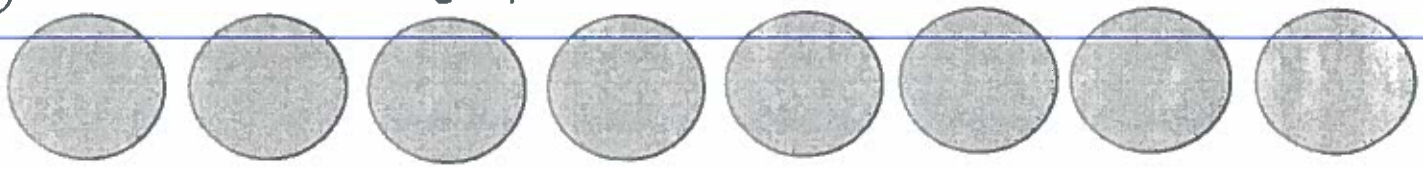
14. There are 7 racers in each boat. If there are 63 rowers in the race, how many boats are there?(write complete division sentence and answer).

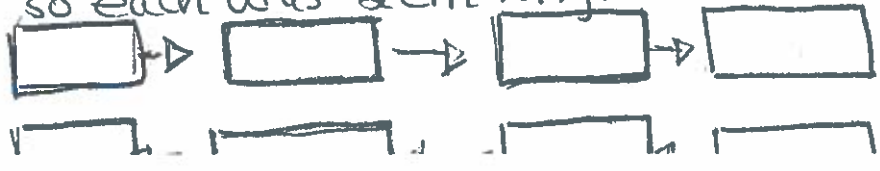
2

15. You can **use** division to **share. For** example, 20 books can be **shared** among 5 groups. $20 \div 5 = 4$, so there **are** 4 books in **each** group.

a) 32 students **need** to be divided into 8 groups. Draw how many students will be in **each** group?

3



b) create a division sentence from question a.
c) use reverse operation multiplication to check your answer.

Bonus: Cory cut a piece of string into 3 equal parts. Then he cut each string into another 3 equal parts so each was 2cm long. How much did Cory start with?