Lesson 12: Thursday 21st Jan Divide 2 digits by 1 digit

Spring Term: Block 1

1 Complete the divisions.

a) $47 \div 3 = $ ____

b) $26 \div 5 = $ ____

c) $89 \div 4 = $ ____

d) $32 \div 5 = $ ____

e) $49 \div 6 = $ ____

f) $47 \div 4 = $ ____

g) $74 \div 3 = $ ____

h) $81 \div 7 = $ ____

2 Complete the divisions.

a) $36 \div 4 = $ ____

$37 \div 4 = $ ____

$38 \div 4 = $ ____

$39 \div 4 = $ ____

$40 \div 4 = $ ____

b) $70 \div 5 = $ ____

$71 \div 5 = $ ____

$72 \div 5 = $ ____

$73 \div 5 = $ ____

$74 \div 5 = $ ____

c) $45 \div 3 = $ ____

$46 \div 3 = $ ____

$47 \div 3 = $ ____

$48 \div 3 = $ ____

$49 \div 3 = $ ____

d) $92 \div 4 = $ ____

$91 \div 4 = $ ____

$90 \div 4 = $ ____

$89 \div 4 = $ ____

$88 \div 4 = $ ____

3 Dora has been working out some divisions.

$72 \div 4 = 18$
$73 \div 4 = 18 \text{ r1}$
$74 \div 4 = 18 \text{ r2}$
$75 \div 4 = 18 \text{ r3}$

I know without working it out that $76 \div 4$ must be 18 r4

a) Why does Dora think this?

_____

_____

b) Explain why Dora is wrong.

_____

_____

_____

Challenge:

Eggs come in boxes of 6

Annie has 75 eggs.

She wants to know how many boxes she can fill.

a) Complete the division to work it out.

____ $\div$ ____ $=$ ____ r ____

b) What does the remainder represent?
Talk about it with a partner.

c) Complete the sentence.

Annie can fill ____ boxes with ____ eggs left over.

Answer – Purple Pen Only!

1 Complete the divisions.

a) $47 \div 3 =$ **15r2**

b) $26 \div 5 =$ **5r1**

c) $89 \div 4 =$ **22r1**

d) $32 \div 5 =$ **6r2**

e) $49 \div 6 =$ **8r1**

f) $47 \div 4 =$ **11r3**

g) $74 \div 3 =$ **24r2**

h) $81 \div 7 =$ **11r4**

2 Complete the divisions.

a) $36 \div 4 =$ **9**

$37 \div 4 =$ **9r1**

$38 \div 4 =$ **9r2**

$39 \div 4 =$ **9r3**

$40 \div 4 =$ **10**

c) $45 \div 3 =$ **15**

$46 \div 3 =$ **15r1**

$47 \div 3 =$ **15r2**

$48 \div 3 =$ **16**

$49 \div 3 =$ **16r1**

b) $70 \div 5 =$ **14**

$71 \div 5 =$ **14r1**

$72 \div 5 =$ **14r2**

$73 \div 5 =$ **14r3**

$74 \div 5 =$ **14r4**

d) $92 \div 4 =$ **23**

$91 \div 4 =$ **22r3**

$90 \div 4 =$ **22r2**

$89 \div 4 =$ **22r1**

$88 \div 4 =$ **22**

3 Dora has been working out some divisions.

$72 \div 4 = 18$
$73 \div 4 = 18 \ r1$
$74 \div 4 = 18 \ r2$
$75 \div 4 = 18 \ r3$

I know without working it out that $76 \div 4$ must be 18 r4

a) Why does Dora think this?

She has spotted a pattern.

b) Explain why Dora is wrong.

You can't have a remainder of 4 when dividing by 4

Challenge:

Eggs come in boxes of 6

Annie has 75 eggs.

She wants to know how many boxes she can fill.

a) Complete the division to work it out.

75 $\div$ **6** $=$ **12** r **3**

b) What does the remainder represent?
Talk about it with a partner.

c) Complete the sentence.

Annie can fill **12** boxes with **3** eggs left over.