DIVISION WITH REMAINDERS

A DIVISION WITHOUT REMAINDERS

A.1 CALCULATING DIVISIONS

Ex 1:

$12 \div 3 =$ ☐

Ex 2:

$40 \div 5 =$ ☐

Ex 3:

$42 \div 6 =$ ☐

Ex 4:

$28 \div 7 =$ ☐

Ex 5:

$24 \div 8 =$ ☐

Ex 6:

$72 \div 8 =$ ☐

A.2 CALCULATING DIVISIONS

Ex 7:

$22 \div 11 =$ ☐

Ex 8:

$60 \div 20 =$ ☐

Ex 9:

$200 \div 100 =$ ☐

Ex 10:

$70 \div 35 =$ ☐

Ex 11:

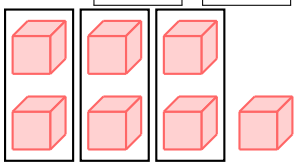
$48 \div 12 =$ ☐

B DIVISION WITH REMAINDERS

B.1 DIVIDING CUBES WITH REMAINDERS

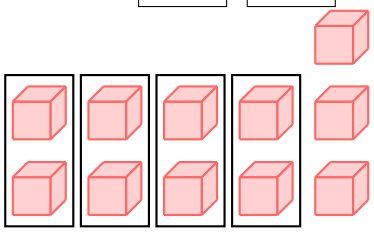
Ex 12: Divide the cubes into groups:

$7 \div 3 =$ ☐ R ☐



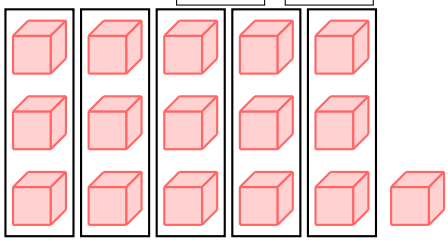
Ex 13: Divide the cubes into groups:

$11 \div 4 =$ ☐ R ☐



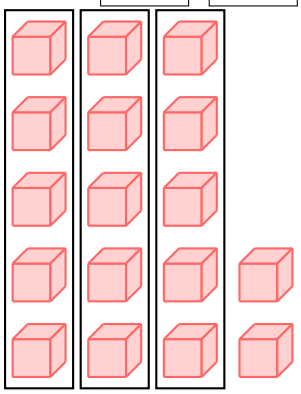
Ex 14: Divide the cubes into groups:

$16 \div 5 =$ ☐ R ☐



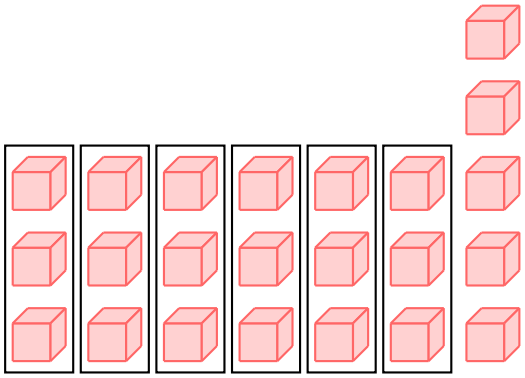
Ex 15: Divide the cubes into groups:

$17 \div 3 =$ ☐ R ☐



Ex 16: Divide the cubes into groups:

$23 \div 6 =$ ☐ R ☐



B.2 DIVIDING NUMBERS WITH REMAINDERS

Ex 17: Divide the number:

$$5 \div 2 = \square \text{R} \square$$

Ex 18: Divide the number:

$$7 \div 3 = \square \text{R} \square$$

Ex 19: Divide the number:

$$13 \div 4 = \square \text{R} \square$$

Ex 20: Divide the number:

$$17 \div 5 = \square \text{R} \square$$

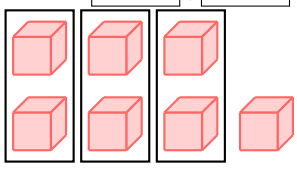
Ex 21: Divide the number:

$$22 \div 6 = \square \text{R} \square$$

B.3 FINDING MULTIPLICATION WITH REMAINDERS USING CUBES

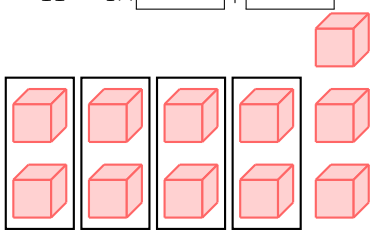
Ex 22: Write the multiplication and remainder equation for the cubes:

$7 = 3\times\square+\square$



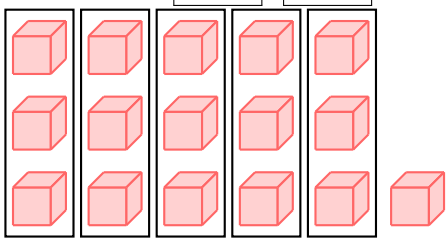
Ex 23: Write the multiplication and remainder equation for the cubes:

$11 = 4\times\square+\square$



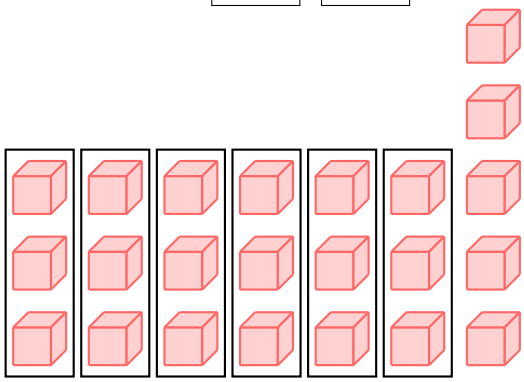
Ex 24: Write the multiplication and remainder equation for the cubes:

$16 = 5\times\square+\square$



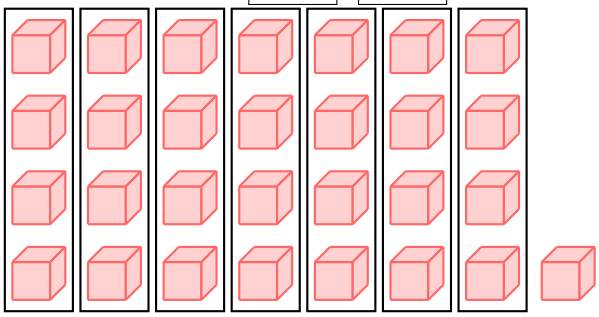
Ex 25: Write the multiplication and remainder equation for the cubes:

$23 = 6\times\square+\square$



Ex 26: Write the multiplication and remainder equation for the cubes:

$29 = 7\times\square+\square$



B.4 FINDING MULTIPLICATION WITH REMAINDERS

Ex 27: Write the multiplication and remainder equation:

$$7 = 3\times\square+\square$$

Ex 28: Write the multiplication and remainder equation:

$$13 = 4\times\square+\square$$

Ex 29: Write the multiplication and remainder equation:

$$17 = 5\times\square+\square$$

Ex 30: Write the multiplication and remainder equation:

$$22 = 6\times\square+\square$$

Ex 31: Write the multiplication and remainder equation:

$$25 = 3\times\square+\square$$

C LONG DIVISION

C.1 CALCULATING ONE-STEP LONG DIVISION

Ex 32: On your paper, solve the long division:

$$4\overline{)13}$$

$13 \div 4 =$ ☐ R ☐

Ex 33: On your paper, solve the long division:

$$3\overline{)19}$$

$19 \div 3 =$ ☐ R ☐

Ex 34: On your paper, solve the long division:

$$5\overline{)24}$$

$24 \div 5 =$ ☐ R ☐

Ex 35: On your paper, solve the long division:

$$6\overline{)59}$$

$59 \div 6 =$ ☐ R ☐

Ex 36: On your paper, solve the long division:

$$7\overline{)52}$$

$52 \div 7 =$ ☐ R ☐

C.2 CALCULATING TWO-STEPS LONG DIVISION

Ex 37: On your paper, solve the long division:

$$3\overline{)44}$$

$44 \div 3 =$ ☐ R ☐

Ex 38: On your paper, solve the long division:

$$3\overline{)269}$$

$269 \div 3 =$ ☐ R ☐

Ex 39: On your paper, solve the long division:

$$5\overline{)423}$$

$423 \div 5 =$ ☐ R ☐

Ex 40: On your paper, solve the long division:

$$4\overline{)130}$$

$130 \div 4 =$ ☐ R ☐

Ex 41: On your paper, solve the long division:

$$7\overline{)252}$$

$252 \div 7 =$ ☐ R ☐

C.3 CALCULATING THREE-STEPS LONG DIVISION

Ex 42: On your paper, solve the long division:

$$4\overline{)730}$$

$730 \div 4 =$ ☐ R ☐

Ex 43: On your paper, solve the long division:

$$5\overline{)576}$$

$576 \div 5 =$ ☐ R ☐

Ex 44: On your paper, solve the long division:

$6\overline{)1456}$

$1456 \div 6 =$ ☐ R ☐

Ex 45: On your paper, solve the long division:

$9\overline{)1968}$

$1968 \div 9 =$ ☐ R ☐

D TWO WAYS TO THINK ABOUT DIVISION

D.1 FINDING NUMBER IN EACH GROUP AND REMAINDER

Ex 46: Five friends want to share 22 apples equally.How many apples will each friend get?

☐ apples

How many apples will be left over?

☐ apples

Ex 47: Four children want to share 18 marbles equally.How many marbles will each child get?

☐ marbles

How many marbles will be left over?

☐ marbles

Ex 48: Three friends want to share 37 cherries equally.How many cherries will each friend get?

☐ cherries

How many cherries will be left over?

☐ cherry

D.2 FINDING NUMBER OF GROUPS AND REMAINDER

Ex 49: A farmer is packing 34 eggs into boxes. Each box holds 6 eggs.How many boxes does the farmer need?

☐ boxes

How many eggs will be left over?

☐ eggs

Ex 50: A gardener is arranging 65 flowers into vases. Each vase holds 7 flowers.How many full vases does the gardener have?

☐ vases

How many flowers will be left over?

☐ flowers

Ex 51: A baker packs 42 cookies into boxes. Each box holds 3 cookies.How many full boxes does the baker have?

☐ boxes

How many cookies will be left over?

☐ cookies