

REMAINDERS

E	CA	AC	EA	AA	AM	AP
---	----	----	----	----	----	----

I am learning to solve division problems that have remainders.

PRIOR KNOWLEDGE REQUIRED: To do these problems I have to be quick and accurate when solving division problems that do not involve renaming.

1)

Question	Answer	Question	Answer
a) $72 \div 9 =$		f) $90 \div 10 =$	
b) $54 \div 6 =$		g) $18 \div 2 =$	
c) $49 \div 7 =$		h) $24 \div 6 =$	
d) $81 \div 9 =$		i) $32 \div 4 =$	
e) $55 \div 5 =$		j) $25 \div 5 =$	

NEW STRATEGY USING MATERIALS:

Sometimes it is not possible to share things evenly, for example you can't share 9 sweets between 4 people. Everyone can have 2 but then there is still 1 left over.

2) In the answer column say what number does go into it and how many are left over (how many remainders there are). E.g. $27 \div 5 = 5 \text{ r } 2$ (r = remainder) because $5 \times 5 = 25$ but there are still 2 left over.

You may use materials to answer these.

Question	Answer	Question	Answer
a) $38 \div 6 =$		f) $42 \div 10 =$	
b) $16 \div 5 =$		g) $23 \div 7 =$	
c) $13 \div 4 =$		h) $35 \div 8 =$	
d) $11 \div 5 =$		i) $51 \div 10 =$	
e) $15 \div 4 =$		j) $29 \div 9 =$	

NEW STRATEGY USING IMAGING:

3)

Question	Answer	Question	Answer
a) $20 \div 6 =$		e) $27 \div 5 =$	
b) $15 \div 7 =$		f) $43 \div 6 =$	
c) $21 \div 5 =$		g) $56 \div 11 =$	
d) $83 \div 9 =$		h) $19 \div 6 =$	

WORD PROBLEMS USING NUMBER PROPERTIES:

4) Tim has \$44. Magazines cost \$10 each.

- How many magazines can he buy?
- How much money will he have left over?

5) Kate has 22 metres of rope. She needs 5 metres to make a skipping rope.

- How many skipping ropes can she make?
- How many metres of rope will she have left over?

REMAINDERS

(B)

E	CA	AC	EA	AA	AM	AP
---	----	----	----	----	----	----

I am learning to solve division problems that have remainders.

PRIOR KNOWLEDGE REQUIRED: To do these problems I have to be quick and accurate when solving division problems that do not involve renaming.

1)

Question	Answer	Question	Answer
a) $81 \div 9 =$		f) $36 \div 4 =$	
b) $32 \div 8 =$		g) $8 \div 2 =$	
c) $12 \div 6 =$		h) $45 \div 9 =$	
d) $24 \div 4 =$		i) $63 \div 7 =$	
e) $40 \div 5 =$		j) $50 \div 5 =$	

NEW STRATEGY USING MATERIALS:

Sometimes it is not possible to share things evenly, for example you can't share 9 sweets between 4 people. Everyone can have 2 but then there is still 1 left over.

2) In the answer column say what number does go into it and how many are left over (how many remainders there are). E.g. $27 \div 5 = 5 \text{ r } 2$ (r = remainder) because $5 \times 5 = 25$ but there are still 2 left over.

You may use materials to answer these.

Question	Answer	Question	Answer
a) $46 \div 9 =$		f) $32 \div 5 =$	
b) $27 \div 5 =$		g) $93 \div 10 =$	
c) $13 \div 3 =$		h) $55 \div 6 =$	
d) $20 \div 9 =$		i) $14 \div 3 =$	
e) $50 \div 7 =$		j) $22 \div 5 =$	

NEW STRATEGY USING IMAGING:

3)

Question	Answer	Question	Answer
a) $31 \div 5 =$		e) $15 \div 7 =$	
b) $19 \div 6 =$		f) $29 \div 3 =$	
c) $95 \div 10 =$		g) $34 \div 4 =$	
d) $7 \div 2 =$		h) $43 \div 4 =$	

WORD PROBLEMS USING NUMBER PROPERTIES:

4) Andrew has \$24. A pack of tennis balls costs \$5.

- How many packs of tennis balls can he buy?
- How much money will he have left over?

5) Sally has \$15. Paints cost \$4 each.

- How many paints can she buy?
- How much money will she have left over?