

Miss Robinson's  
Maths Group  
Homework  
Week 6

Remember to set your work out clearly and write in pencil.

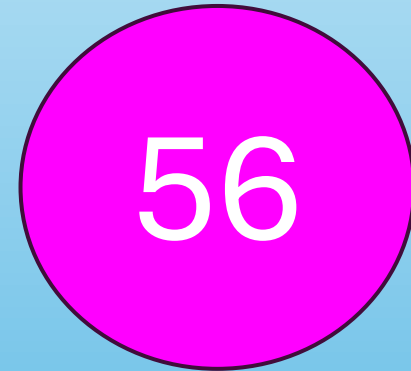
Please try all questions.

Please DO NOT print any of this homework. Write answers directly into your Homework Book and include any working out.

# Arithmetic Warm Up

LI: to be able to identify factors and common factors of numbers

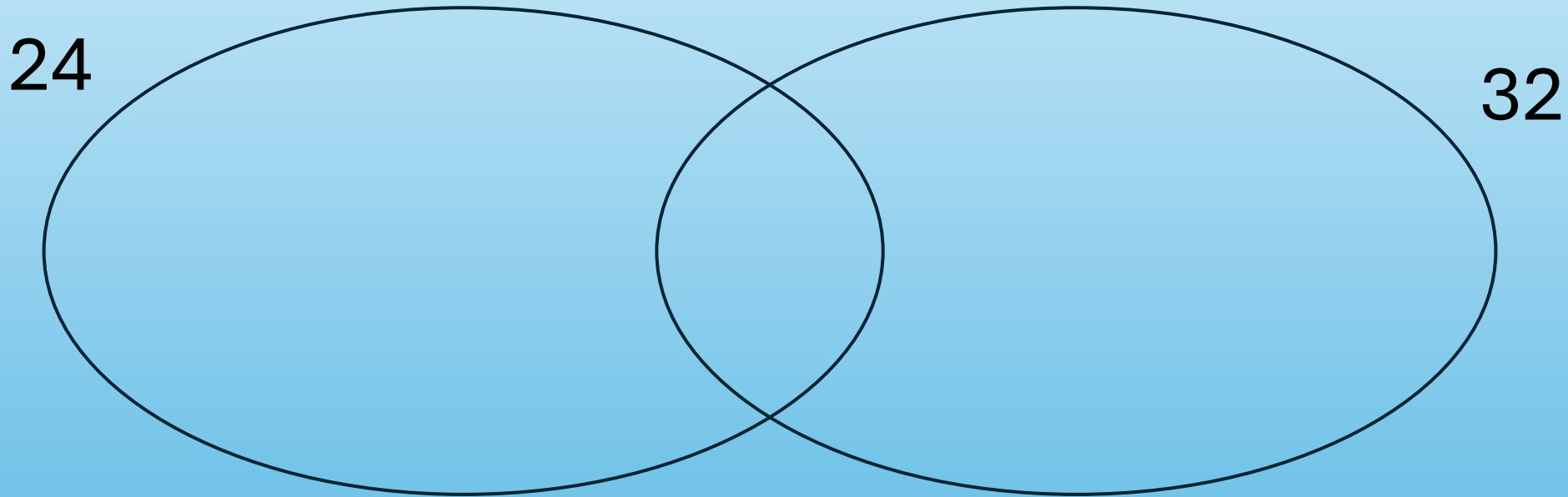
List the factors of the following numbers:



(Remember to work logically and list factor pairs.)

Find the common factors of the following numbers

24 and 32



This week we have been working on longer division.  
Think about the steps we have taken to complete these.

Example:  $3564 \div 12 =$

$$\begin{array}{r} 0297 \\ 12 \overline{) 3564} \end{array}$$

$$\begin{array}{r} 0297 \\ 12 \overline{) 3564} \\ - \underline{24} \quad \downarrow \quad (2 \times 12) \\ 116 \\ - \underline{108} \quad \downarrow \quad (9 \times 12) \\ 84 \\ - \underline{84} \quad (7 \times 12) \\ 0 \end{array}$$

LI: To be able to carry out longer divisions leaving remainders as whole numbers

1)  $1\ 635 \div 15 =$

2)  $5\ 904 \div 16 =$

3)  $4\ 097 \div 14 =$

4)  $6\ 208 \div 13 =$

LI: To be able to carry out longer divisions leaving remainders as whole numbers

## Spot the Mistake

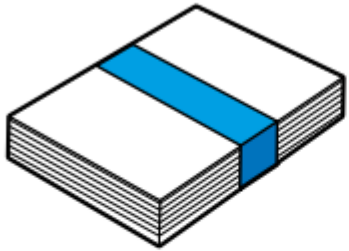
$$855 \div 15 =$$

		0	5	1	0	
1	5	8	5	5		
	–	7	5		( × 4)	
		1	0	5		
	–	1	0	5	( × 10)	
				0		

Explain and correct the error a pupil has made.

# LI: To be able to carry out longer divisions leaving remainders as whole numbers

Ms Smith is printing the school newspaper.



Each newspaper has 32 pages.

Paper comes in packets of 250 sheets.

How many newspapers can Ms Smith print with the following numbers of packets?

1 packet

2 packets

4 packets

10 packets

Remember to bring any questions about the work into Monday's lesson.

Have a wonderful weekend!