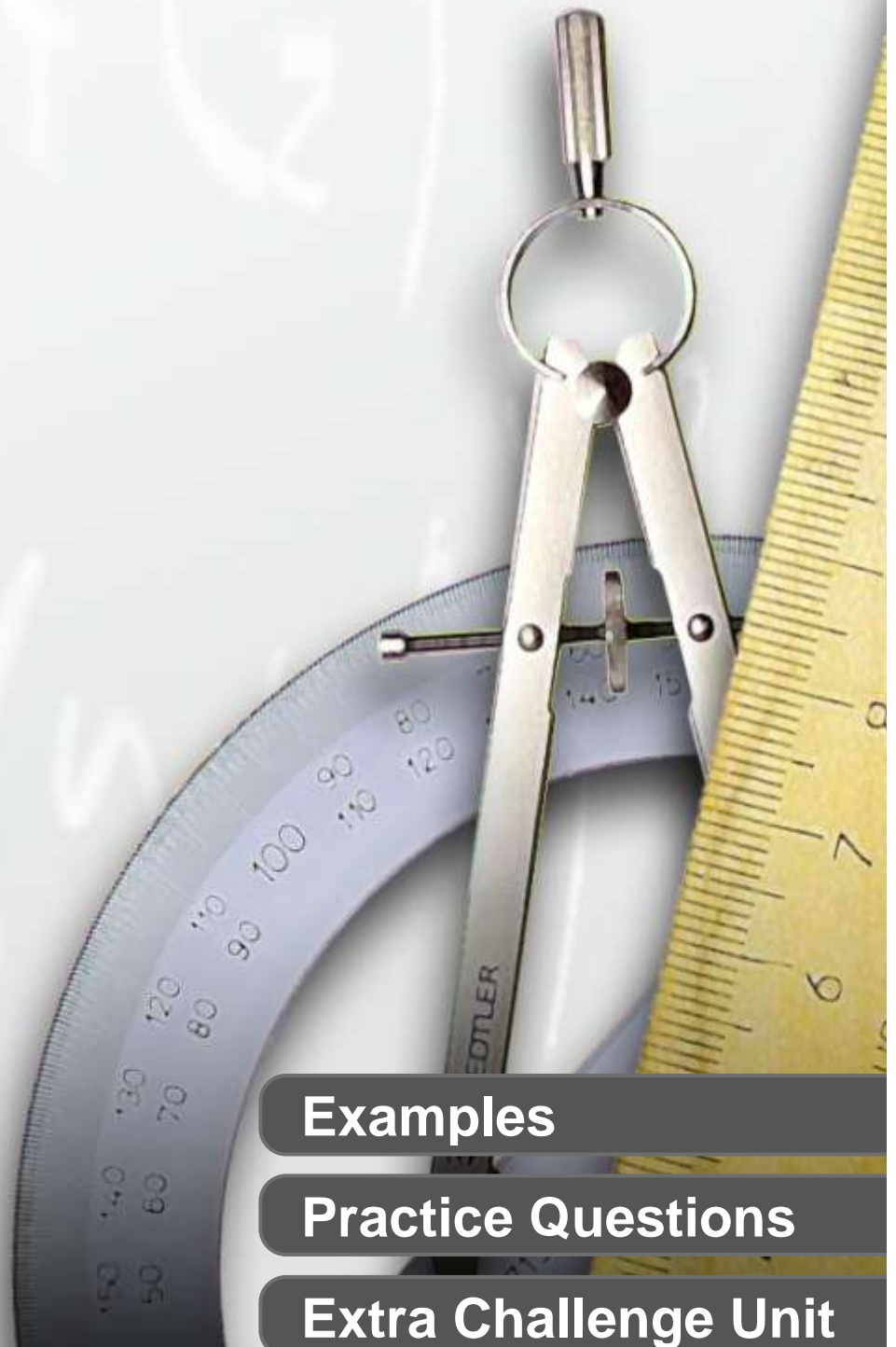


# Math Practice Sheets

Division: 2-Digit Divisor



**Examples**

**Practice Questions**

**Extra Challenge Unit**

Student Name

**Unit  
7.1****Use of Patterns in Division****Example**

Janie is organizing her stamps in a book. She has collected 24,000 stamps. She is planning to put 30 stamps on each page. How many pages long will her stamp book be?

You have to find  $24,000 \div 30$ .

You know  $240 \div 30 = 24 \text{ tens} \div 3 \text{ tens} = 8$

$2,400 \div 30 = 240 \text{ tens} \div 3 \text{ tens} = 80$

$24,000 \div 30 = 2,400 \text{ tens} \div 3 \text{ tens} = 800$

$\therefore$  The pattern shows that  $24,000 \div 30 = 800$ .

So, Janie's stamp book will be 800 pages long.

Note that you can multiply to check your answer. i.e.  $800 \times 30 = 24,000$

**Exercise**

1. Find the missing numbers using mental math.

a)  $360 \div 40 = 36 \text{ tens} \div 4 \text{ tens} = \underline{\hspace{2cm}}$

b)  $280 \div 70 = 28 \text{ tens} \div 7 \text{ tens} = \underline{\hspace{2cm}}$

c)  $1,500 \div 30 = 150 \text{ tens} \div 3 \text{ tens} = \underline{\hspace{2cm}}$

d)  $4,200 \div 60 = 420 \text{ tens} \div 6 \text{ tens} = \underline{\hspace{2cm}}$

e)  $64,000 \div 80 = 6,400 \text{ tens} \div 8 \text{ tens} = \underline{\hspace{2cm}}$

f)  $27,000 \div 90 = 2,700 \text{ tens} \div 9 \text{ tens} = \underline{\hspace{2cm}}$