



# FRACTIONS OF NUMBERS SHEET 6

Use division and multiplication to help you find these fractions.

1)  $\frac{1}{3}$  of 42 = \_\_\_\_

2)  $\frac{2}{5}$  of 30 = \_\_\_\_

3)  $\frac{3}{4}$  of 24 = \_\_\_\_

4)  $\frac{4}{4}$  of 27 = \_\_\_\_

5)  $\frac{6}{10}$  of 30 = \_\_\_\_

6)  $\frac{3}{5}$  of 25 = \_\_\_\_

7)  $\frac{4}{7}$  of 42 = \_\_\_\_

8)  $\frac{5}{9}$  of 45 = \_\_\_\_

9)  $\frac{1}{12}$  of 48 = \_\_\_\_

10)  $\frac{5}{6}$  of 54 = \_\_\_\_

11)  $\frac{3}{8}$  of 40 = \_\_\_\_

12)  $\frac{7}{10}$  of 110 = \_\_\_\_

13)  $\frac{3}{20}$  of 80 = \_\_\_\_

14)  $\frac{5}{11}$  of 88 = \_\_\_\_

15)  $\frac{8}{9}$  of 72 = \_\_\_\_

16)  $\frac{7}{50}$  of 250 = \_\_\_\_

17)  $\frac{8}{11}$  of 110 = \_\_\_\_

18)  $\frac{4}{9}$  of 63 = \_\_\_\_

19)  $\frac{9}{10}$  of 120 = \_\_\_\_

20)  $\frac{7}{8}$  of 48 = \_\_\_\_

21)  $\frac{8}{15}$  of 45 = \_\_\_\_

22)  $\frac{3}{25}$  of 200 = \_\_\_\_

23)  $1\frac{1}{12}$  of 96 = \_\_\_\_

24)  $1\frac{3}{20}$  of 80 = \_\_\_\_

## CRACK THE CODE!

CODE GRID											
A	C	D	H	I	M	N	O	S	T	U	Y
24	12	17	30	44	33	20	18	36	40	35	6

$\frac{2}{5}$ of 30	$\frac{3}{4}$ of 32	$\frac{4}{7}$ of 35
= 12	=	=
C		

$\frac{1}{9}$ of 54	$\frac{3}{10}$ of 60	$\frac{5}{11}$ of 77
=	=	=

$\frac{7}{8}$ of 17	$\frac{9}{20}$ of 40
=	=

$\frac{8}{11}$ of 55	$\frac{6}{25}$ of 125	$\frac{4}{5}$ of 55	$\frac{3}{7}$ of 84
=	=	=	=

$\frac{3}{10}$ of 110	$\frac{3}{4}$ of 32	$\frac{4}{9}$ of 90	$\frac{3}{10}$ of 100	?
=	=	=	=	



Name

Date



# FRACTIONS OF NUMBERS SHEET 6 ANSWERS

1)  $\frac{1}{3}$  of 42 = 14

2)  $\frac{2}{5}$  of 30 = 12

3)  $\frac{3}{4}$  of 24 = 18

4)  $\frac{4}{4}$  of 27 = 27

5)  $\frac{6}{10}$  of 30 = 18

6)  $\frac{3}{5}$  of 25 = 15

7)  $\frac{4}{7}$  of 42 = 24

8)  $\frac{5}{9}$  of 45 = 25

9)  $\frac{1}{12}$  of 48 = 4

10)  $\frac{5}{6}$  of 54 = 45

11)  $\frac{3}{8}$  of 40 = 15

12)  $\frac{7}{10}$  of 110 = 77

13)  $\frac{3}{20}$  of 80 = 12

14)  $\frac{5}{11}$  of 88 = 40

15)  $\frac{8}{9}$  of 72 = 64

16)  $\frac{7}{50}$  of 250 = 35

17)  $\frac{8}{11}$  of 110 = 80

18)  $\frac{4}{9}$  of 63 = 28

19)  $\frac{9}{10}$  of 120 = 108

20)  $\frac{7}{8}$  of 48 = 42

21)  $\frac{8}{15}$  of 45 = 24

22)  $\frac{3}{25}$  of 200 = 24

23)  $1\frac{1}{12}$  of 96 = 88

24)  $1\frac{3}{20}$  of 80 = 52

## CRACK THE CODE!

CODE GRID											
A	C	D	H	I	M	N	O	S	T	U	Y
24	12	17	30	44	33	20	18	36	40	35	6

$\frac{2}{5}$ of 30	$\frac{3}{4}$ of 32	$\frac{4}{7}$ of 35
= 12	= 24	= 20
C	A	N

$\frac{1}{9}$ of 54	$\frac{3}{10}$ of 60	$\frac{5}{11}$ of 77
= 6	= 18	= 35
Y	O	U

$\frac{7}{7}$ of 17	$\frac{9}{20}$ of 40
= 17	= 18
D	O

$\frac{8}{11}$ of 55	$\frac{6}{25}$ of 125	$\frac{4}{5}$ of 55	$\frac{3}{7}$ of 84
= 40	= 30	= 44	= 36
T	H	I	S

$\frac{3}{10}$ of 110	$\frac{3}{4}$ of 32	$\frac{4}{9}$ of 90	$\frac{3}{10}$ of 100	?
= 33	= 24	= 40	= 30	
M	A	T	H	

