

Worksheet 2015-5EI-00002

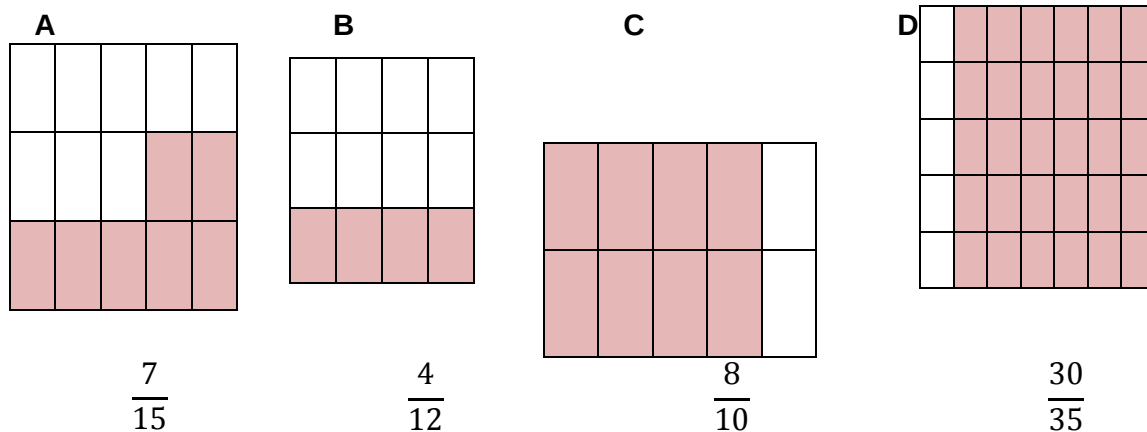
FRACTIONS

PROPER FRACTION	IMPROPER FRACTION	MIXED NUMBERS
$\frac{4}{6}$ The fraction is smaller than 1 whole. The <i>numerator</i> is smaller than the denominator. A	$\frac{13}{6}$ The fraction is greater than 1 whole.. The <i>numerator</i> is greater than the denominator. B	$1\frac{1}{2}$ The fraction is greater than 1 whole. There is a whole number and a fraction.. C

(1) Classify the fractions as proper fractions, improper fractions or mixed numbers. Write down A, B of C in die blocks below.

$\frac{3}{4}$	$\frac{12}{5}$	$1\frac{2}{5}$	$\frac{6}{4}$	$\frac{9}{8}$	$\frac{4}{5}$	$2\frac{1}{3}$
A	B	C	B	B	A	C

(2) Colour the blocks



(3) Answer the questions

(a) $\frac{1}{2}$ of 50 =	<u>25</u>	(f) $\frac{1}{2}$ of 500 =	<u>250</u>
(b) $\frac{1}{2}$ of 60 =	<u>30</u>	(g) $\frac{1}{2}$ of 150 =	<u>75</u>
(c) $\frac{1}{2}$ of 300 =	<u>150</u>	(h) $\frac{1}{2}$ of 460 =	<u>230</u>
(d) $\frac{1}{2}$ of 70 =	<u>35</u>	(i) $\frac{1}{2}$ of 284 =	<u>142</u>
(e) $\frac{1}{2}$ of 90 =	<u>45</u>	(j) $\frac{1}{2}$ of 590 =	<u>295</u>

(4) More difficult work.

(a)	$\frac{1}{4}$ of 8	=	2
(c)	$\frac{1}{4}$ of 20	=	5
(e)	$\frac{1}{4}$ of 24	=	6
(g)	$\frac{1}{4}$ of 12	=	3
(i)	$\frac{1}{5}$ of 15	=	3
(k)	$\frac{1}{5}$ of 30	=	6
(m)	$\frac{1}{5}$ of 35	=	7
(o)	$\frac{1}{6}$ of 18	=	3
(q)	$\frac{1}{7}$ of 21	=	3
(s)	$\frac{1}{6}$ of 12	=	2
(u)	$\frac{1}{10}$ of 80	=	8
(w)	$\frac{1}{10}$ of 50	=	5

(b)	$\frac{1}{4}$ of 80	=	20
(d)	$\frac{1}{3}$ of 24	=	8
(f)	$\frac{1}{3}$ of 30	=	10
(h)	$\frac{1}{3}$ of 33	=	11
(j)	$\frac{1}{4}$ of 100	=	25
(l)	$\frac{1}{4}$ of 60	=	15
(n)	$\frac{1}{4}$ of 44	=	11
(p)	$\frac{1}{8}$ of 64	=	8
(r)	$\frac{1}{9}$ of 27	=	3
(t)	$\frac{1}{10}$ of 100	=	10
(v)	$\frac{1}{6}$ of 36	=	6
(x)	$\frac{1}{4}$ of 40	=	10

(5) Write the improper fractions as mixed numbers.

(a)	$\frac{7}{2}$	=	$3\frac{1}{2}$	(b)	$\frac{19}{8}$	=	$2\frac{3}{8}$	(c)	$\frac{39}{6}$	=	$6\frac{3}{6}$
(d)	$\frac{25}{3}$	=	$8\frac{1}{3}$	(e)	$\frac{31}{6}$	=	$5\frac{1}{6}$	(f)	$\frac{30}{7}$	=	$4\frac{2}{7}$
(g)	$\frac{19}{9}$	=	$2\frac{1}{9}$	(h)	$\frac{28}{6}$	=	$4\frac{4}{6}$	(i)	$\frac{58}{4}$	=	$14\frac{2}{4}$
(j)	$\frac{17}{3}$	=	$5\frac{2}{3}$	(k)	$\frac{45}{4}$	=	$11\frac{1}{4}$	(l)	$\frac{29}{2}$	=	$14\frac{1}{2}$
(m)	$\frac{13}{6}$	=	$2\frac{1}{6}$	(n)	$\frac{40}{3}$	=	$13\frac{1}{3}$	(o)	$\frac{18}{5}$	=	$3\frac{3}{5}$