Fractions and Decimals

Name Haley

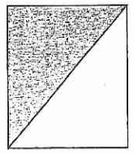
Class 3B Date 22/6/10

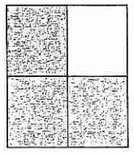
Post test

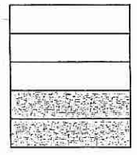
Progression Points

2.25 Use of fractions with numerators other than one; for example, 3/4 of a block of chocolate.
2.5 Development and use of fraction notation and recognition of equivalent fractions such as 1/2 = 4/8, including the ordering of fractions using physical models.
2.75 Add and subtract simple common fractions with the assistance of physical models. Write equivalent fractions and decimals, e.g. 1/10 = 0.1.
3.0 Use of place value to determine the size and order of decimals to hundredths.
3.0+ State the place value of numbers to 3 decimal places. Mentally add and subtract like fractions.

2.25 **1** Label the fractions represented by the shaded part of each shape.

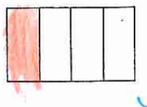
a  $\frac{1}{2}$

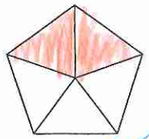
b  $\frac{3}{4}$

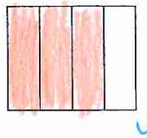
c  $\frac{2}{5}$

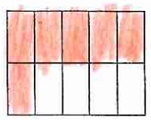
d  $\frac{3}{8}$

2 Shade each shape to represent the given fraction.

a  $\frac{1}{4}$

b  $\frac{2}{5}$

c  $\frac{3}{4}$

d  $\frac{7}{10}$

2.5 **3** Shade and record an equivalent fraction for the ones given.

a $\frac{3}{4} = \frac{6}{8}$

b $\frac{2}{5} = \frac{4}{10}$

			$\frac{1}{2}$				
	$\frac{1}{4}$		$\frac{2}{4}$		$\frac{3}{4}$		
$\frac{1}{8}$	$\frac{2}{8}$	$\frac{3}{8}$	$\frac{4}{8}$	$\frac{5}{8}$	$\frac{6}{8}$	$\frac{7}{8}$	

4 Use the table to compare the fractions. Write true or false.

a $\frac{1}{2}$ is smaller than $\frac{1}{4}$ false

b $\frac{3}{8}$ is larger than $\frac{1}{4}$ true

c $\frac{1}{2}$ is the same as $\frac{4}{8}$ true

d $\frac{5}{8}$ is smaller than $\frac{1}{2}$ false

e $\frac{7}{8}$ is larger than $\frac{3}{4}$ true

f $\frac{3}{4}$ is the same as $\frac{6}{8}$ true

Fractions and Decimals

Name Haley

Class ____ Date 7/6

At required level.

Pre test

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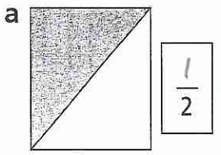
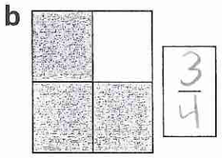
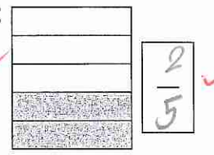
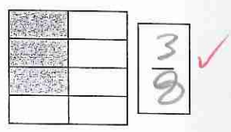
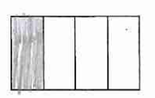
a  $\frac{1}{2}$

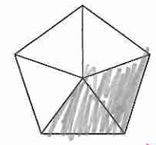
b  $\frac{3}{4}$

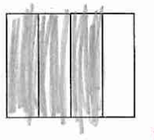
c  $\frac{2}{5}$

d  $\frac{3}{8}$

2 Shade each shape to represent the given fraction.

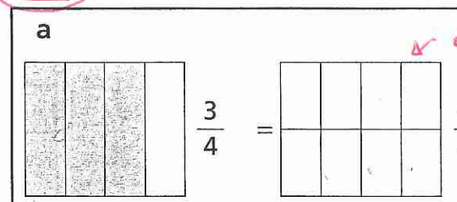
a  $\frac{1}{4}$

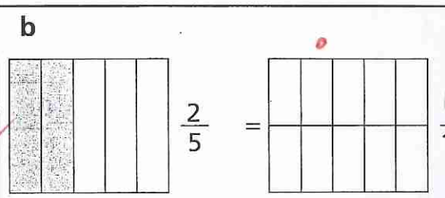
b  $\frac{2}{5}$

c  $\frac{3}{4}$

d  $\frac{7}{10}$

2.5 **3** Shade and record an equivalent fraction for the ones given.

a  $\frac{3}{4} = \frac{6}{8}$

b  $\frac{2}{5} = \frac{4}{10}$

			$\frac{1}{2}$				
	$\frac{1}{4}$		$\frac{2}{4}$		$\frac{3}{4}$		
$\frac{1}{8}$	$\frac{2}{8}$	$\frac{3}{8}$	$\frac{4}{8}$	$\frac{5}{8}$	$\frac{6}{8}$	$\frac{7}{8}$	

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