Department of
Education and Training

STUDENT WORKSHEET

◼ Focus of the week

Equivalent forms of rational numbers

Question 1

Which fraction has the same value as $2\frac{3}{4}$?

$\frac{8}{4}$ $\frac{9}{4}$ $\frac{11}{4}$ $\frac{14}{4}$

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Question 2

Jane, Mike, Brian and Toby start a marathon together.
After **one hour** they have completed different parts of the race as shown in the table.

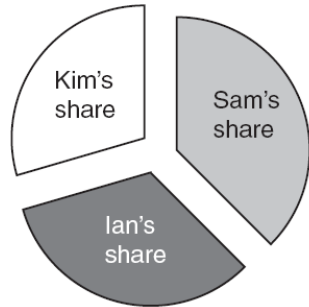| Runner	Part of race completed
Jane	$\frac{2}{5}$
Mike	45%
Brian	0.42
Toby	$\frac{4}{9}$

Who is coming last?

◯ Jane
◯ Mike
◯ Brian
◯ Toby

Question 3

Sam, Ian and Kim shared a pizza.

Sam's share was $\frac{3}{8}$.

Ian's share was $\frac{1}{3}$.

What was Kim's share?

$\frac{1}{3}$ $\frac{2}{5}$ $\frac{7}{11}$ $\frac{7}{24}$

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Challenge Question

John has these four number cards.

Shade one bubble.

2^6 6^2 3^4 4^3

Which two cards show numbers with the same value?

3^4 and 4^3 3^4 and 6^2 2^6 and 6^2 2^6 and 4^3

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