

Calculate Sharelle's shooting percentage and represent it on a double number line.

#### **Exercise 1**

Use the double number line to change the following fractions to percentages.

1)	$\frac{1}{2}$	(2)	$\frac{1}{4}$	(3)	$\frac{3}{4}$	(4)	$\frac{8}{16}$
5)	$\frac{10}{40}$	(6)	$\frac{18}{24}$	(7)	$\frac{35}{40}$	(8)	$\frac{12}{20}$
9)	$\frac{8}{24}$	(10)	$\frac{18}{27}$	(11)	$\frac{12}{36}$	(12)	$\frac{15}{40}$

## **Exercise 2: Word Problems**

Tawera scored  $\frac{36}{45}$  in his first science test and  $\frac{50}{60}$  in his second science test. Change 1) both test results to a percentage to find out which is the best one?

#### **Independent Activity:**

Use brochures from local retailers.

One shop has a "25% off" sale, another has a "one-third off" sale, and a third has a "40% off" Sale. Give the students an arbitrary budget to spend at the three shops for them to decide which is the cheapest.

AC
EA
AA
AM
AP

## Hot Shots: Answers

# **Exercise 1**

1)	50%	(2)	25%	(3)	75%	(4)	50%	(5)	25%
6)	75%	(7)	87 <u>1</u> %	(8)	60%	(9)	33 <u>1</u> %	(10)	$66\frac{2}{3}\%$
11)	33 <u>1</u> %	(12)	37 <u>1</u> %						

## **Exercise 2**

1) First test 80%, Second test  $83\frac{1}{3}\%$