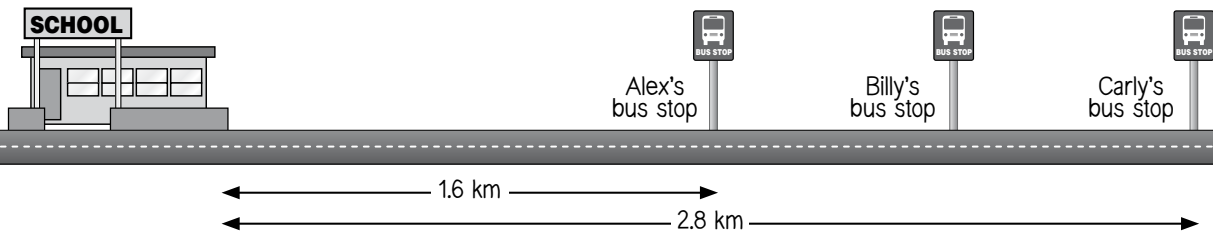## NA20 Decimal subtraction to tenths
Student Book page 71

Bus stops
On the road to school there are three bus stops. Billy's bus stop is exactly halfway between Alex's bus stop and Carly's bus stop.

How far from the school to Billy's bus stop?

What distance does Billy travel by bus to and from school each week?

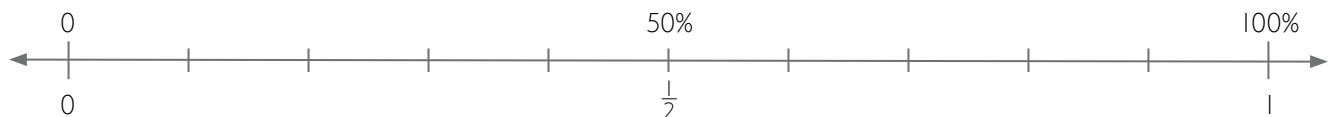Mark or highlight the strategy or strategies you used to solve this problem.

1	Guess and check	6	Check for useful information
2	Make a table or chart	7	Find smaller parts of a big problem
3	Draw a picture or diagram	8	Make an organised list
4	Act out the problem	9	Solve a simpler problem
5	Find a pattern	10	Work backwards

NA22 Percentages
Student Book page 75

Fractions and percentage number line
Write the numbers on the number line below. 28%, $\frac{3}{5}$, 75%, 12%, $\frac{3}{4}$, $\frac{3}{10}$, 80%

Mark or highlight the strategy or strategies you used to solve this problem.

1	Guess and check	6	Check for relevant or irrelevant information
2	Make a table or chart	7	Find smaller parts of a large problem
3	Draw a picture or diagram	8	Make an organised list
4	Act out the problem	9	Solve a simpler problem
5	Find a pattern or use a rule	10	Work backwards

Know

Shade the fraction and label the percentage.

a

$\frac{3}{10}$ [ ] %

=

b

$\frac{7}{10}$ [ ] %

=

c

$\frac{1}{2}$ [ ] %

=

d

$\frac{1}{4}$ [ ] %

=

e

$\frac{1}{5}$ [ ] %

=

Apply

100 students were asked which type of music they liked most. Their responses are presented in the table below.

Favourite type of music	Number of students
Dance/techno	10
Rap/hip hop	16
Top 40/pop	40
Rock/metal	25
Country	9

f What percentage of students like rap/hip hop most?

g How many students like country music most?

h Which type of music is liked most by a quarter of the students?

i Top 40/pop is preferred by more than half of the students.

True or false?

j 50% of the students who like dance/techno music are boys.

How many girls like dance/techno music?
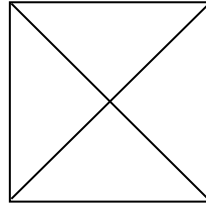
Date

__ / __ / __

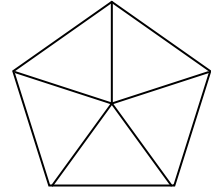**Know** [ ] **+** **Apply** [ ] **=** **Total** [ ]

Know

Design spinners to show **fair** or **unfair** games as instructed.
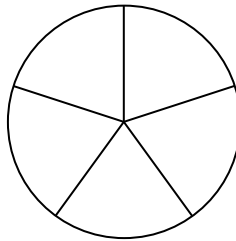
a Number this spinner 1 to 3 so that 2 will win most often.
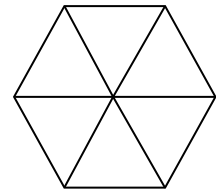
b Label this spinner A to E so that A has an even chance of winning as all other letters.

c Label this spinner A to C so that it is unfair.

d Number this spinner 1 to 3 so that it is fair.

Apply

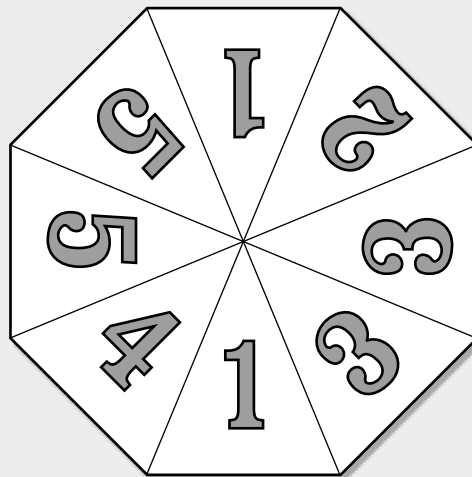Write fair and unfair outcomes from this large spinner.

Fair

e [ ] vs [ ]

f [ ] vs [ ]

g [ ] vs [ ]

Unfair

h [ ] vs [ ]

i [ ] vs [ ]

j [ ] vs [ ]

Date
__/__/__

Know [ ] + **Apply** [ ] = **Total** [ ]