Theme 2 – Problem Solving

The Science Fair

The students in Mrs. Murray's class are setting up booths for the science fair.

• 120 students, separated into teams of 4, will occupy the booths.

• $\frac{1}{3}$ of the teams will have small booths measuring 150 cm wide.

• $\frac{1}{6}$ of the teams will have large booths measuring 3 m wide.

• The other teams will have medium-sized boths measuring 20 dm wide.

The rental cost for each booth varies by the number of metres it is in width.

Here are the prices.

Number of Metres	Cost
1 m to 50 m	$5 per metre wide
51 to 99 m	$4 per metre wide
100 m and more	$3 per metre wide

Students must equally share half the cost of each booth rental.

How much money will it cost each team to rent one booth?

IWB Activities
Grade 6

© **ERPI** Reproduction authorized only in classes
where the *Decimal* series is used.

Decimal
N36489