

Class maths fair

DISCUSSION STARTER

REFLECT Which strand of maths do you most want to keep working on next year?

ANSWER KEY

W1: 900 (9 hundreds)

W2: 4,000 (4 thousands)

Q1: 5 gate(s) and 1 singles

Q2: $\frac{5}{8}$

a) Sometimes — True for positives; not true if one is negative or zero.

b) Sometimes — True for any non-zero number. $0 \div 0$ is undefined.

c) Sometimes — Mean of 2, 4, 6 is 4 (in set). Mean of 2, 5 is 3.5 (not in set).

d) Always — Yes — a rectangle has 4 right angles; a square is a special case.

e) Never — Only one angle can be 90° ; the other two add to 90° .

f) Always — $P(\text{rain}) + P(\text{no rain}) = 1$ — one of the two must happen.

EXTENSION SHEET · STRETCH ANSWERS

S1: $x = 19$

S2: 94.393

S3: 32.5

S4: 34.71 m^2

S5: $x = 22$