GEOMETRY · ERROR ANALYSIS

# FIND THE MISTAKE!

## Circles: Arcs, Angles & Sectors

G-C.A.2, G-C.B.5

SAMPLE · SOFIA'S WORK

$x = 92 + 54$

$x = 146°$

✗ Forgot to take half the arc sum

MISCONCEPTIONS IN THIS SET

- Forgot to take half the arc sum
- Opposite angles set congruent
- Halved a central angle
- Used circumference for sector area
- Used the area formula for arc length
- Inscribed angle = its arc
- Used the diameter as the radius
- Added arcs for an outside angle
- Used OP as a leg, not hypotenuse

20 WORKED PROBLEMS | 4 TASK TYPES | FULL ANSWER KEY

MATH TEACHER PRINTS

PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW PREVIEW

Preview - the full worksheet and its answer key are at primeworksheet.com