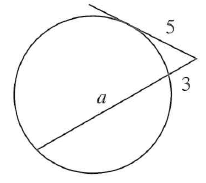
CIRCLE

<\_\_\_question>

Type=1

<\_block>

Which of these is the exact value of *a* ?



<\_block>

[A] *a = 4*

<\_block>

[B] *a = 4*

<\_block>

[C] *a = 5*

<\_block>

[B] a *= 5*

<\_block>

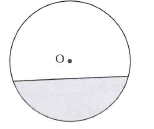
[C]

<\_\_\_question>

Type=1

<\_block>

What is the name given in the shaded section ?



<\_block>

[A] major sector

<\_block>

[B] minor sector

<\_block>

[C] major segment

<\_block>

[D] minor segment

<\_block>

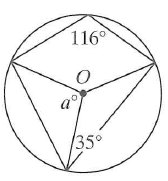
[D]

<\_\_\_question>

Type=1

<\_block>

Which of these is the value of *a* ?



<\_block>

[A*] a - 58*

<\_block>

[B] *a = 70*

<\_block>

[C] *a = 112*

<\_block>

[D] *a = 122*

<\_block>

[D]

<\_\_\_question>

Type=1

<\_block>

*P, Q* and *R* are points on a circle centre *0*, where *PQ II 0R.*

*If ∠ QP0 = 68º, which of these is the size of ∠* PQR *?*

<\_block>

[A] 22º

<\_block>

[B] 68º

<\_block>

[C] 112º

<\_block>

[D] 124º

<\_block>

[D]

<\_\_\_question>

The opposite angles in a cyclic quadrilateral are

(*3x + 20*)º and (*2x + 60)*º. What is the value of *x* ?

<\_block>

[A] *x = 20*

<\_block>

[B] *x = 30*

<\_block>

[C] *x = 40*

<\_block>

[D] *x = 60*

<\_block>

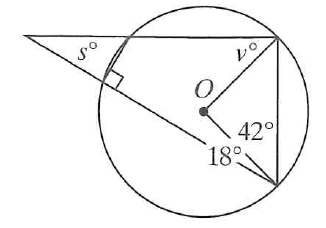
[A]

<\_\_question>

Type=1

<\_block>

Which of these is the value of *s ?*



<\_block>

[A*] s = 30*

<\_block>

[B] *s = 38*

<\_block>

[C] *s = 42*

<\_block>

[D] *s = 48*

<\_block>

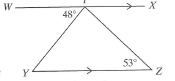
[A]

<\_\_\_question>

Type=1

<\_block>

Which of these is the size of ∠ *YTZ?*



<\_block>

[A] 48º

<\_block>

[B] 53º

<\_block>

[C] 79º

<\_block>

[D] 101º

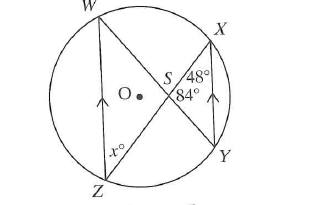
<\_block>

[C]

<\_\_\_question>

Type=1

<\_block>

Which test is used to prove ▲*WZS III ▲YXS* ? 

<\_block>

[A] 2 sides in proportion and included ∠ equal

<\_block>

[B] 3 sides in proportion

<\_block>

[C] 2 sides parallel

<\_block>

[D] 2 angles equal

<\_block>

[D]

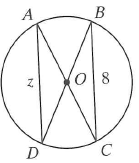
<\_\_\_question>

Type=1

<\_block>

If *AC* and *BD* are straight lines, which test is sued to prove

▲*ADO = ▲CBO* ?



<\_block>

[A] AAA

<\_block>

[B] AAS

<\_block>

[C] SSS

<\_block>

[D] SAS

<\_block>

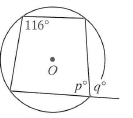
[D]

<\_\_\_question>

Type=1

<\_block>

Which of these is the value of *p & q* *?*



<\_block>

[A] p = 58 and q = 104

<\_block>

[B] p = 64 and q = 116

<\_block>

[C] p = 104 and q = 106

<\_block>

[D] p = 84 and q = 112

<\_block>

[B]