

## **GMF 10 Oct. 30th...**

- get out your notes on Angle Properties...can be used throughout the in class assignment!
- go over any homework questions...get volunteers who got them correct to do them on the SMARTBoard.
- then, complete in class assignment...done individually but can use notes :)

# SOLUTIONS...

Worksheet Solutions - Parallel Lines and Transversals.pdf

## SOLUTIONS

SHEET # 5 CALCULATE THE SIZE OF THE INDICATED ANGLES. FILL IN YOUR ANSWER ON THE ANSWER SHEET Parallel Lines


- 1)  $a = 50^\circ$     4)  $x = 15^\circ$     8)  $a = 62^\circ$     10)  $a = 52^\circ$     12)  $a = 70^\circ$     15)  $a = 78^\circ$     18)  $a = 70^\circ$   
 $b = 60^\circ$      $b = 125^\circ$      $b = 43^\circ$      $b = 80^\circ$      $b = 30^\circ$      $b = 60^\circ$      $b = 70^\circ$   
 $c = 70^\circ$     5)  $x = 14^\circ$      $c = 75^\circ$      $c = 48^\circ$      $c = 100^\circ$      $d = 120^\circ$     19)  $a = 45^\circ$   
 11)  $a = 70^\circ$     17)  $x = 75^\circ$     9)  $a = 120^\circ$     11)  $a = 50^\circ$     13)  $a = 45^\circ$     16)  $x = 50^\circ$      $b = 135^\circ$   
 $b = 120^\circ$     20)  $a = 140^\circ$      $b = 100^\circ$      $y = 70^\circ$      $b = 100^\circ$      $y = 70^\circ$

SOLUTIONS

SHEET # 6 CALCULATE THE SIZE OF THE INDICATED ANGLES. FILL IN YOUR ANSWER ON THE ANSWER SHEET

① 	② 	③ 	④ 	⑤ 
⑥ 	⑦ 	⑧ 	⑨ 	⑩ 
⑪ 	⑫ 	⑬ 	⑭ 	⑮ 
⑯ 	⑰ 	⑱ 	⑲ 	⑳ 

- |             |              |              |               |              |               |
|-------------|--------------|--------------|---------------|--------------|---------------|
| 1) $x = 27$ | 9) $x = 54$  | 12) $a =$    | 14) $a = 115$ | 17) $a = 50$ | 19) $a = 120$ |
| 2) $x = 16$ | $y = 108$    | $b = 45$     | $b = 50$      | $b = 70$     | $b = 60$      |
| 3) $x = 75$ | $z = 72$     | $c = 135$    | $d = 110$     | $c = 60$     | $c = 120$     |
| 4) $y = 18$ |              | $d = 117$    | $x = 70$      | $d = 50$     | $d = 20$      |
| 5) $x = 4$  | 10) $x = 17$ | $e = 63$     | $y = 110$     | $e = 70$     | $e = 40$      |
| $z = 72$    | $a = 163$    | 13) $x = 50$ | $z = 70$      | 18) $x = 65$ | 20) $x = 7$   |

### In Class Assignment - Angle Properties.pdf



- 
- open book so use your notes on the properties and examples
  - done individually
  - put your answer in the blank
  - justify your solution by putting the Property Abbreviation in the round bracket that is provided...for example (SATT)
  - show your work for the algebraic questions (b), (d), (k), (l), (o)
  - pass in when completed...must be done by end of class!

## Attachments

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[Worksheet - Parallel Lines and Transversals.pdf](#)

[Worksheet Solutions - Parallel Lines and Transversals.pdf](#)

[In Class Assignment - Angle Properties.pdf](#)