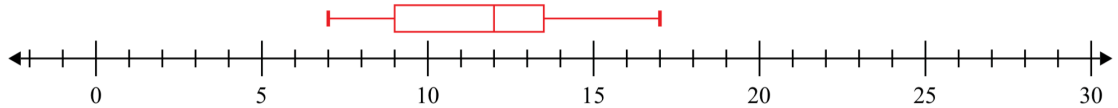


Pre-Algebra Homework #17 – Answer Key

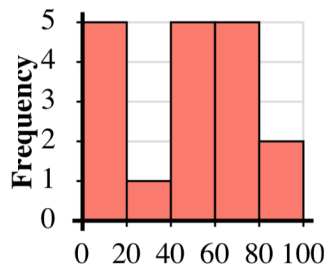
- 1) Quadrilateral: $A=40$ $P=26$
Triangle: $A=96$ $P=45$
Circle: $A=20.25\pi \approx 63.585$ $P=9\pi \approx 28.26$

2)



- 3) Area = 28 Perimeter = 28

4)



- 5) 8.11

6)

- a. 25 and 30
- b. 3
- c. 20
- d. Bar 2

- 7) Quadrilateral: $A=14$ $P=18$
Triangle: $A=3$ $P=13$
Circle: $A=196\pi \approx 615.44$ $P=28\pi \approx 87.92$

Copyright © 2013 by Dr. Joseph Phillips

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without prior written permission from the author.

- 8) Area = 34 Perimeter = 27
- 9) $L = 7$
- 10) Quadrilateral: $A = 37.774$ $P = 24.06$
 Triangle: $A = 142.5$ $P = 49$
 Circle: $A = 90.25\pi \approx 283.385$ $P = 19\pi \approx 59.66$
- 11) Area = 40 Perimeter = 30
- 12) $X = 5.3$
- 13) Quadrilateral: $A = 72$ $P = 34$
 Triangle: $A = 40$ $P = 30$
 Circle: $A = 144\pi \approx 452.16$ $P = 19\pi \approx 59.66$
- 14) Area = 22 Perimeter = 24
- 15) $L = 8$
- 16) 5 feet
- 17) Quadrilateral: $A = 64$ $P = 32$
 Triangle: $A = 150$ $P = 60$
 Circle: $A = \pi \approx 3.14$ $P = 2\pi \approx 6.28$
- 18) Area = 60 Perimeter = 34
- 19) $X = 4.35$
- 20) 28 feet
- 21) 3 miles

Copyright © 2013 by Dr. Joseph Phillips

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without prior written permission from the author.