

Lab # 1 solutions

1. The fraction 5 over 32 plus the fraction 1 over 2 plus the fraction 5 over 64 plus the fraction 25 over 64 equals the fractions 10 over 64 plus the fraction 32 over 64 plus the fraction 5 over 64 plus the fraction 35 over 64 which equals the fraction 82 over 64 which equals the mixed fraction 1 and 9 over 32.

2. The fraction 3 over 8 plus the mixed fraction 1 and 9 over 32 plus the fraction 7 over 8 plus the mixed fraction 1 and 1 over 64 equals the mixed fraction 2 and 99 over 64 which equals the mixed fraction 3 and 35 over 64.

The mixed fraction 5 and 19 over 64 minus the mixed fraction 3 and 35 over 64 equals the mixed fraction 4 and 83 over 64 minus the mixed fraction 3 and 35 over 64, which equals the mixed fraction 1 and 48 over 64 which equals the mixed fraction 1 and 3 over 4.

4.

X equals the mixed fraction 1 and 3 over 4.

Z equals the mixed fraction 2 and 27 over 32 minus the fraction 9 over 16 which equals 2 and 9 over 32.

Y equals the radius of the circle which equals the mixed fraction 1 and 1 over 8 divided by 2 which equals the fraction 9 over 8 divided by two which equals 9 over 16.



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