Mathematics | Grade 8

I Gade 8, c a e dfc eec caaea: (1) f a gade a gab e e a de a, c d g de gaa cabaaedaa a ea e a, a d g ea e a a d e f ea e a; (2) ga g ec ce faf c a d gf c de c be a a e ea (3) a a g - a d ee-d e a de a d gada g e gd a ce, a ge, a , a d c g e ce, a d de a d gada g e P ag ea T e e .

(2) S de galec celfaf ca a ea ageaceaeaceaceaceaceaca de ea dafc de cbeaeee ea e. Tecaaaaea geleeaaadaaeeeeaa ff ca (gaabaadgalcaeeeeaaabeaeea), adedecbe aacfefcaeeeced edffeeeea.

(3) S de e dea ab d a cea dage, e beae de a a, a, e ec, a dda, a ddea ab c g e cea d a de c beada a e -d e a, g e ad e bea. S de a e f eage a age eagef edbaag e, a daa c g a f e g e e a age beca e f eage cea ed e a a e a c a age

The Number System

 Know that there are numbers that are not rational, and approximate them by rational numbers.

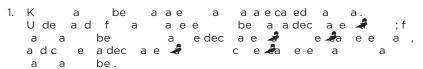
Expressions and Equations

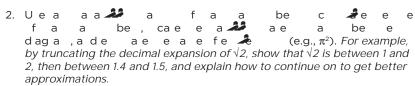
- Work with radicals and integer exponents.
- Understand the connections between proportional relationships, lines, and linear equations.
- A number**5**

The Number System

8.NS

Know that there are numbers that are not rational, and approximate them by rational numbers.





Expressions and Equations

8.EE

Work with radicals and integer exponents.

- 1. K ada 24 e 34 e f ege e 24 e ge e a e e a e e ca e 24 . For example, 3^2 $3^{-5} = 3^{-3} = 1/3^3 = 1/27$.
- 2. Ue ae adcbe b eee ea fef $x^2 = p$ ad $x^3 = p$, eep a ea a be.Eaae ae faefec aeadcbe faefeccbe.K a 2 a a.
- 3. Ue beed ef fagedg ea ege def 10 eaeeage ea e, ad e de a ea cea e e. For example, in in w. in w. in incmi] (m) in w. in w. in incmi] (m) in w. in w.

- 3. De c be e effec f d a , a a , a , a d e ec -d e $a_{\dot{r}}$ g e g c d a e .
- 4. U de ad aa -d e a.ge a a efe ec dca be ba edf e. bae ecefa, eec, a a ,addar; ge a -d e a.ge, dec beae ece ae b e a be ee
- 5. Uef aage eab fac ab eage ad ee age, ab eage ceaed eaec baaea, ad eage-agecef af af age. For example, arrange three copies of the same triangle so that the sum of the three angles appears to form a line, and give an argument in terms of transversals why this is so.

Understand and apply the Pythagorean Theorem.

- 6. E 🔏 a 🎜 ffePagea Tee adcee.
- 7. A 22 eP ag ea Tee dee e dee g g age ea-dadaeaca 26 be ad eed e .
- 8. A eP ag ea Tee . d ed a cebe ee ac dae e.

Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.

9. ba**ziba**da cKde 4eN**586**2526 be aad dea-dadae aca