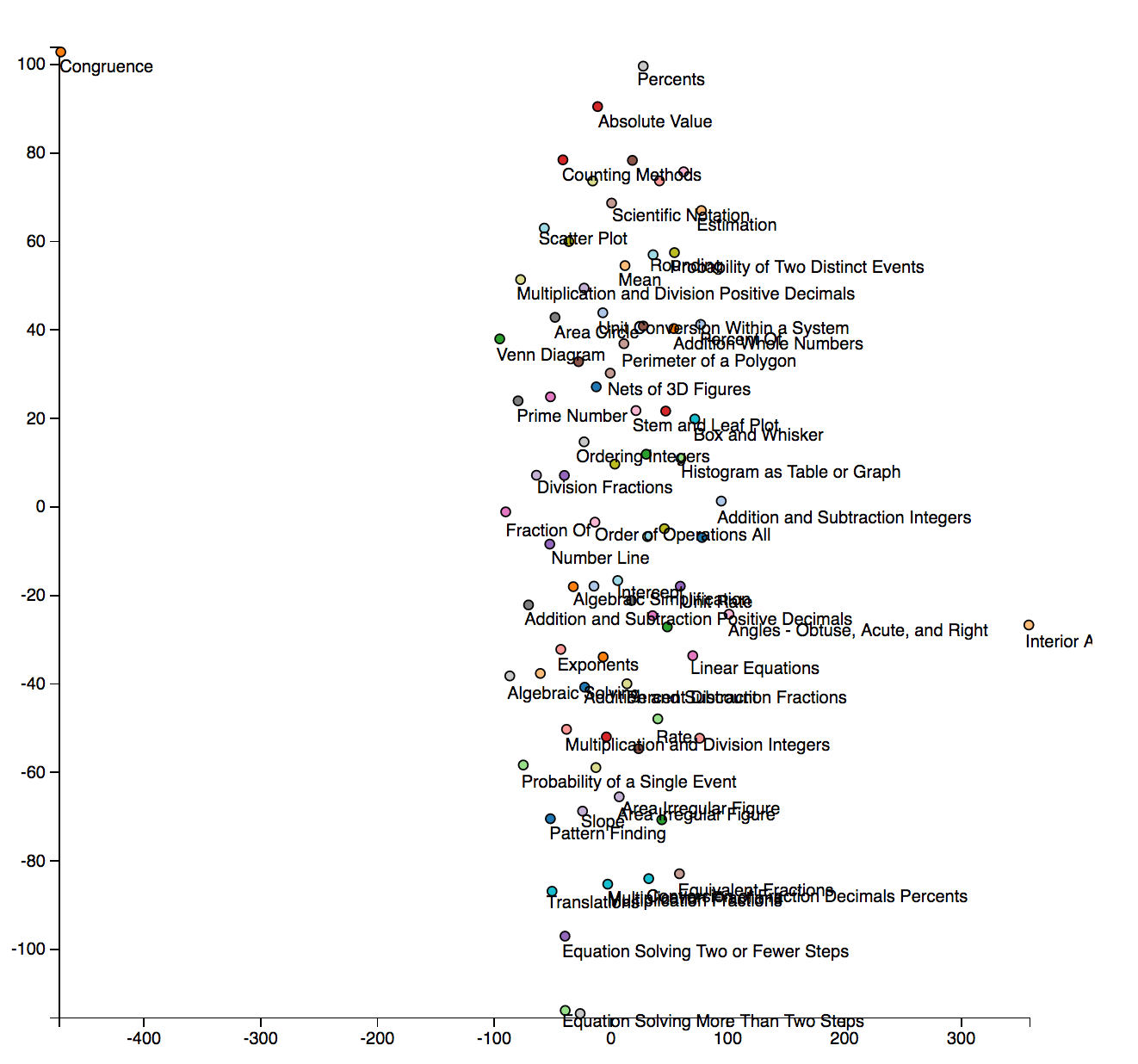
Word2Vec: size=100, window=5, min\_count=10, workers=4, sg=1, iter=30

T-Sne: perplexity = 30

Fairly good – group of box & whisker, stem & leaf, venn diagram

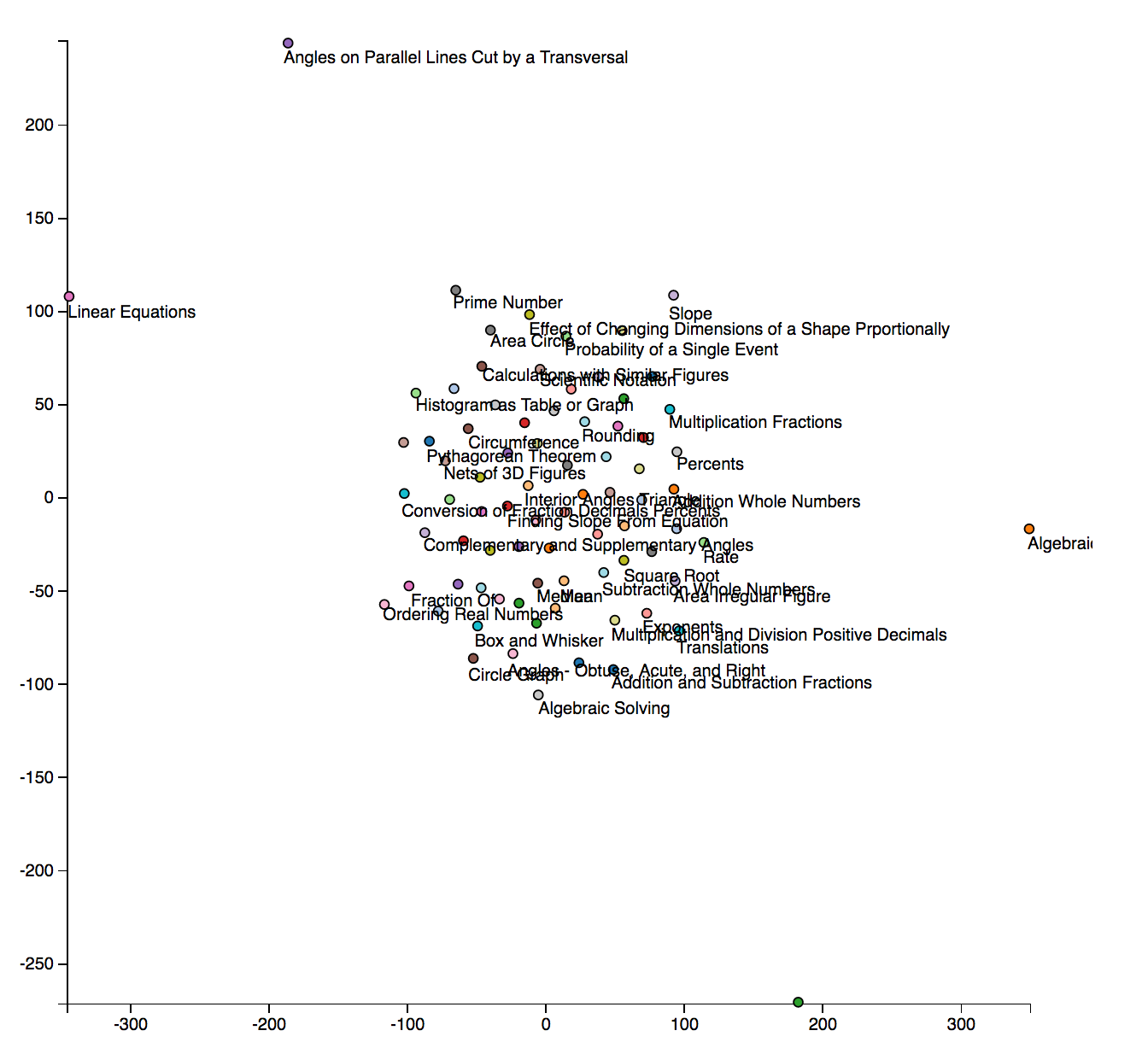
* Group of fraction-related topics
* Equation solving



Word2Vec: size=50, window=5, min\_count=10, workers=4, sg=1, iter=30

T-Sne: perplexity = 30

Less meaningful clustering



Word2Vec: size=50, window=1, min\_count=10, workers=4, sg=1, iter=30

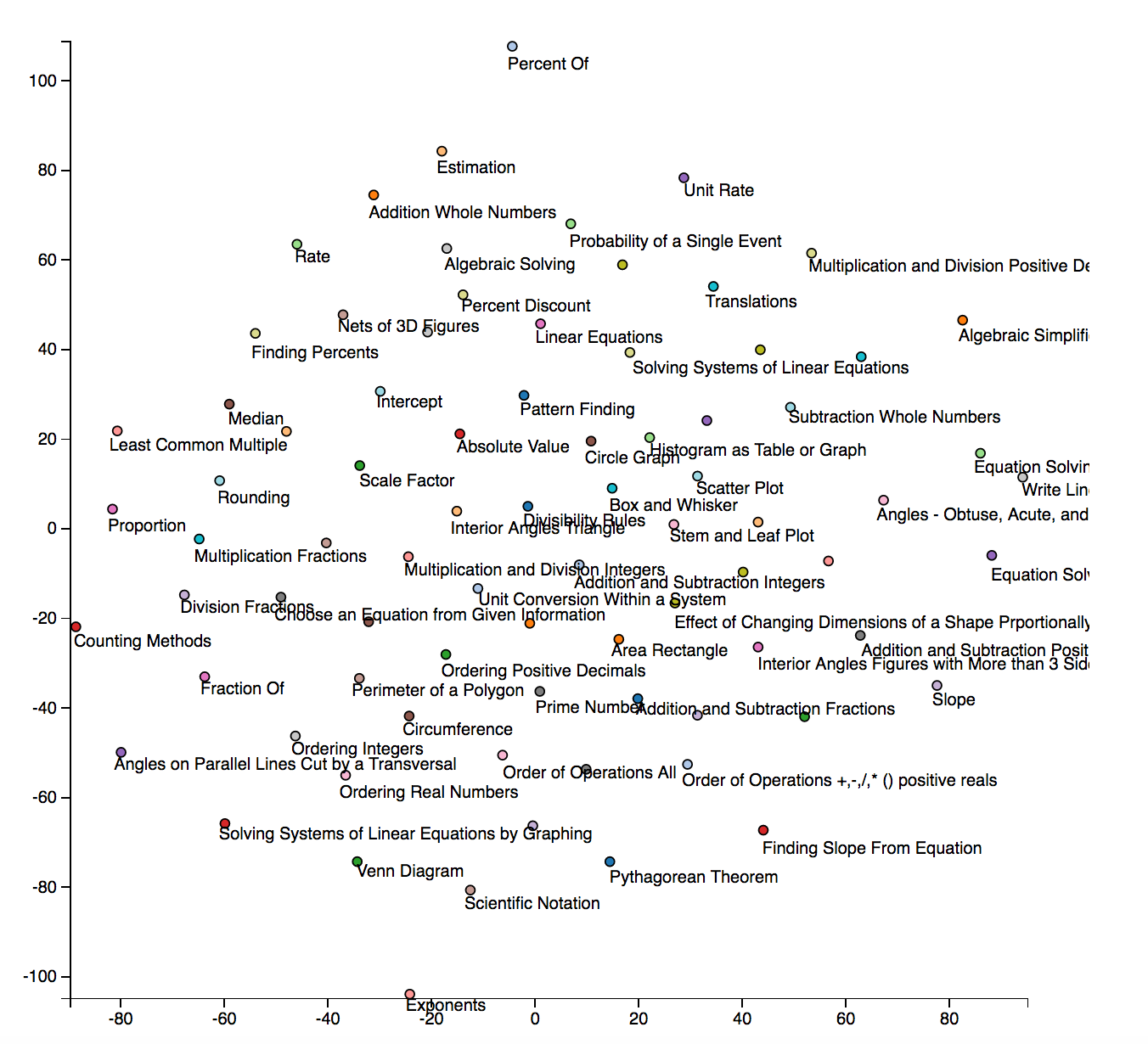
T-Sne: perplexity = 30



Word2Vec: size=50, window=1, min\_count=10, workers=4, sg=1, iter=100

T-Sne: perplexity = 30

* Less meaningful clustering



Word2Vec: size=50, window=1, min\_count=10, workers=4, sg=1, iter=100

T-Sne: perplexity = 10

* Groups:
* Fractions (top)
* Angles
* Equation solving
* Plot types



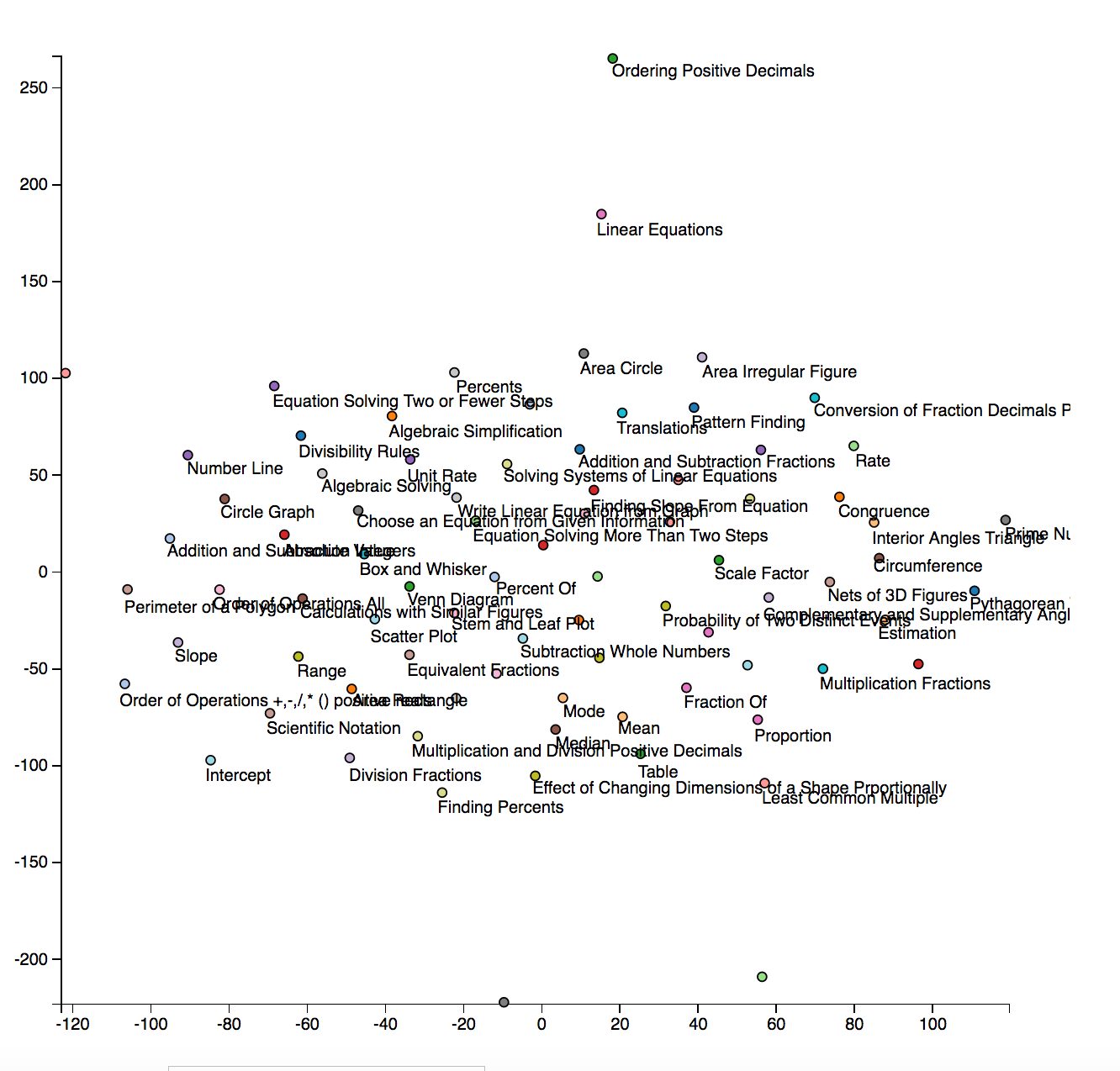
Word2Vec: size=50, window=2, min\_count=10, workers=4, sg=1, iter=100

T-Sne: perplexity = 30

-Groups:

- Plots

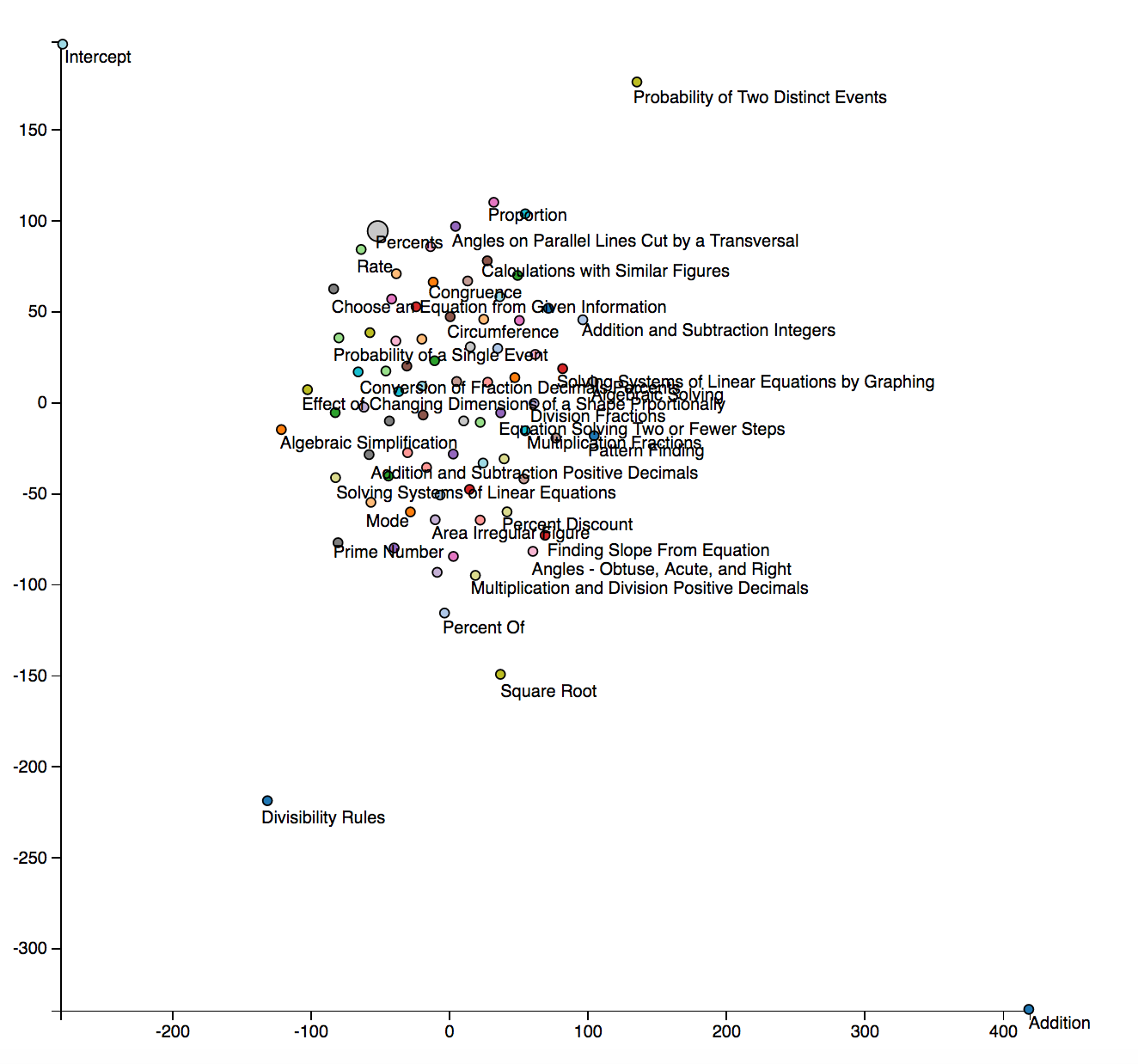
- Some fractions (though some spread out)



Word2Vec: size=50, window=4, min\_count=10, workers=4, sg=1, iter=100

T-Sne: perplexity = 30

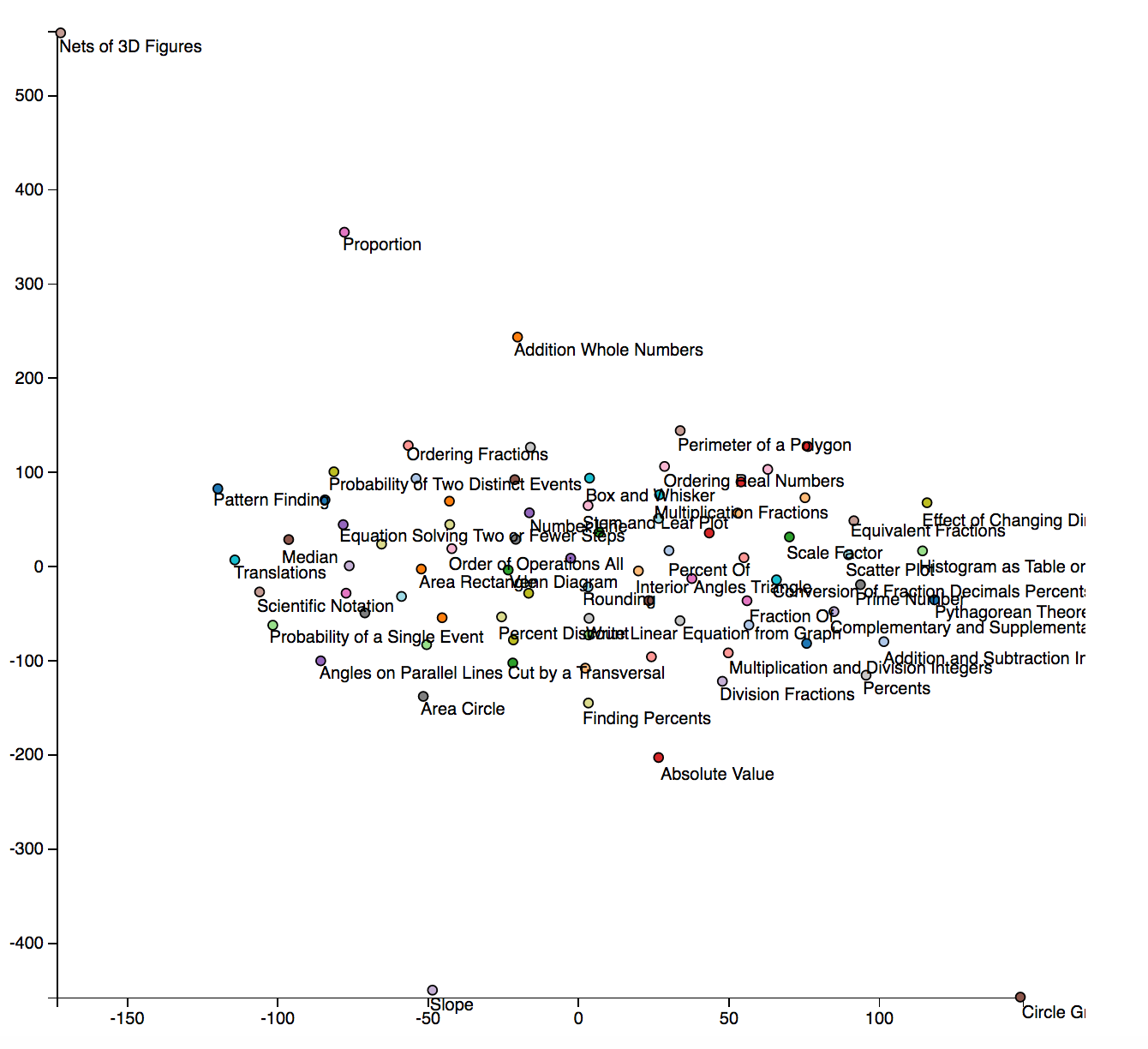
* Very little meaningful clustering



Word2Vec: size=50, window=10, min\_count=10, workers=4, sg=1, iter=100

T-Sne: perplexity = 30

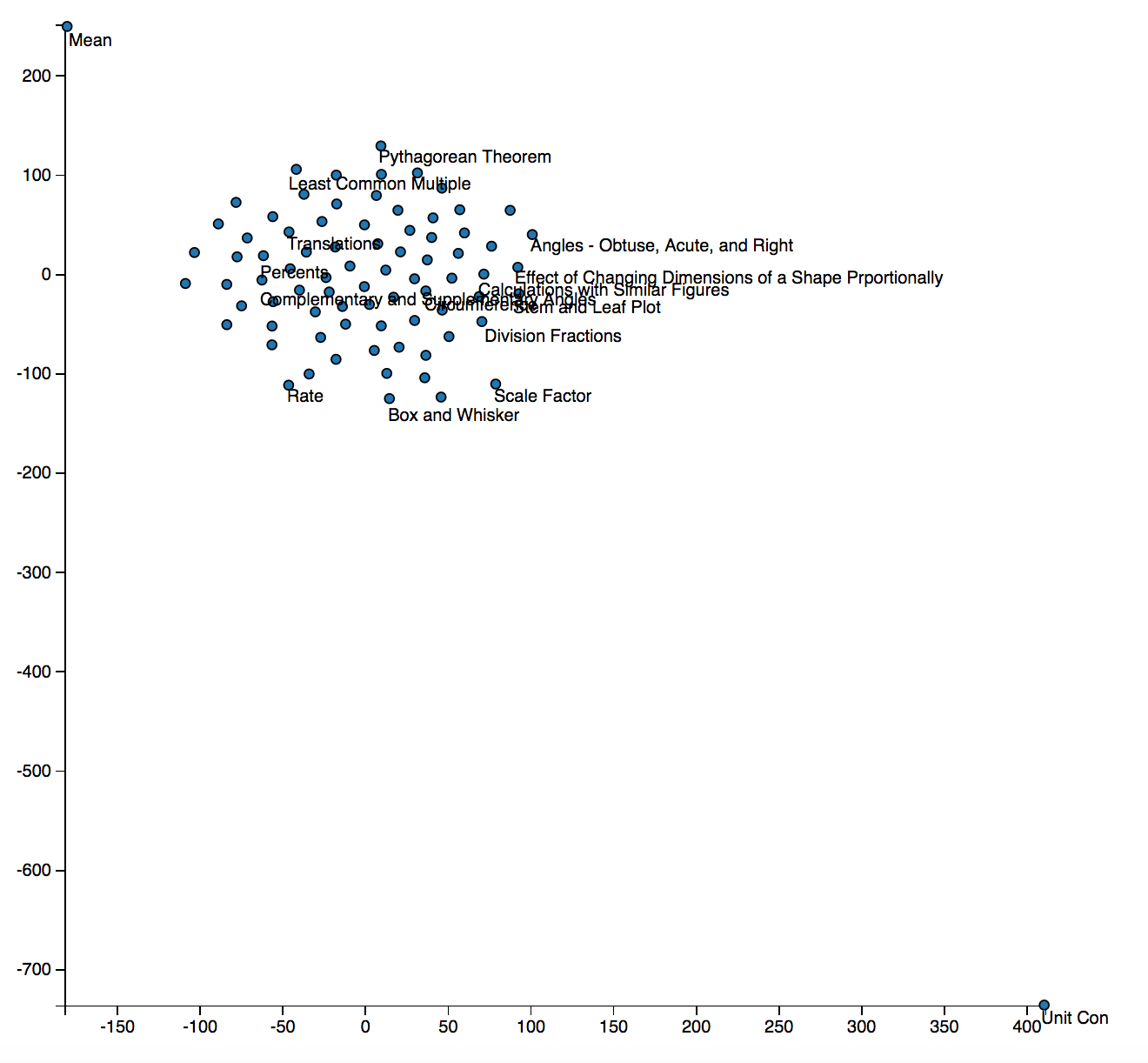
* Very little meaningful info



Word2Vec: size=25, window=5, min\_count=10, workers=4, sg=1, iter=100

T-Sne: perplexity = 10

* Extremely little meaningful info



Word2Vec: size=200, window=5, min\_count=10, workers=4, sg=1, iter=100

T-Sne: perplexity = 30

* Groups:
* Ordering
* Plots

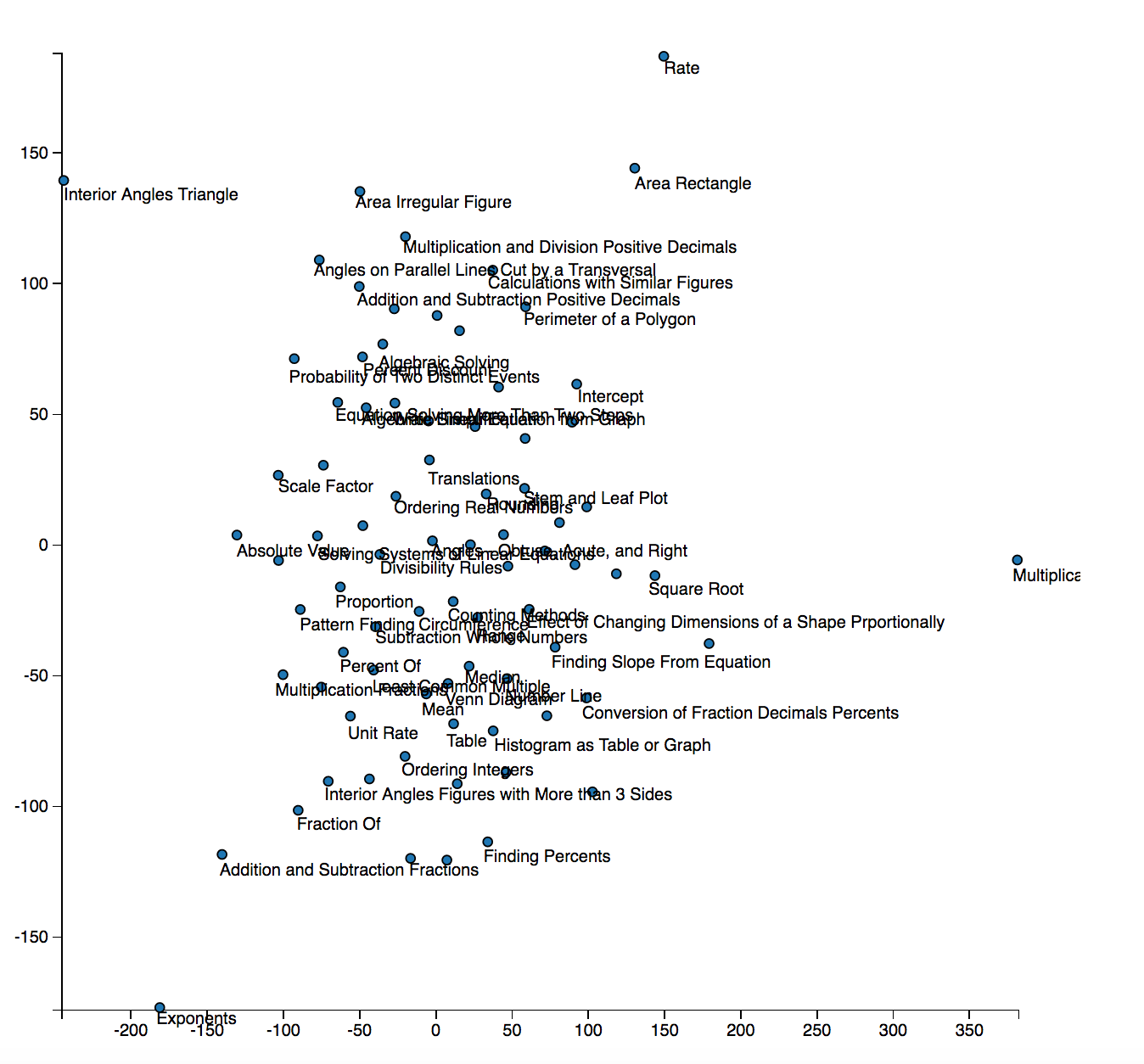
But fairly spread



Word2Vec: size=200, window=5, min\_count=10, workers=4, sg=1, iter=100

T-Sne: perplexity = 10

* meh

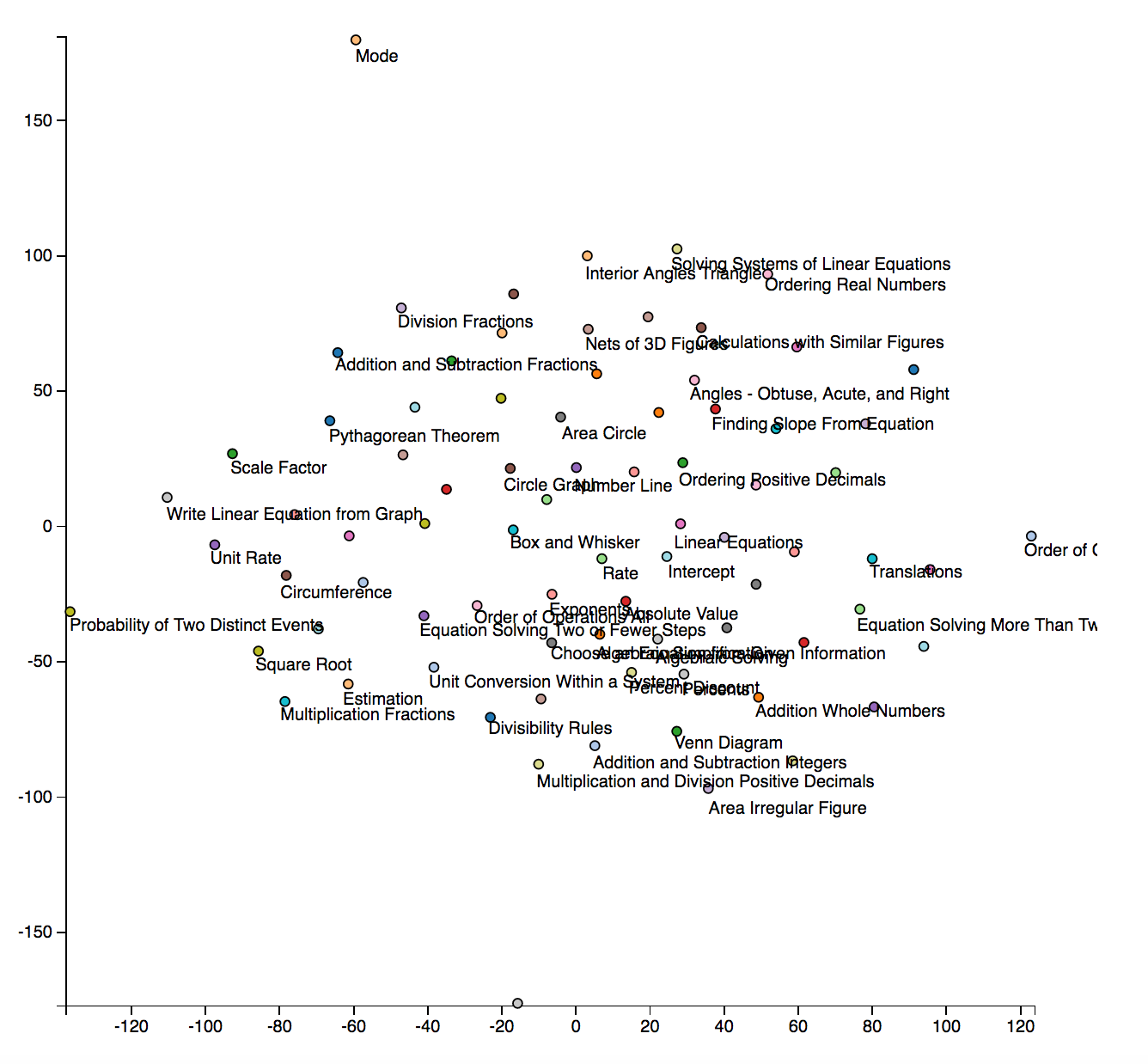


Word2Vec: size=200, window=1, min\_count=10, workers=4, sg=1, iter=100

T-Sne: perplexity = 10

Groups:

* plots



Word2Vec: size=200, window=10, min\_count=10, workers=4, sg=1, iter=100

T-Sne: perplexity = 30

Groups:

* Angle
* Area
* Plots
* Equations
* Order of operations

