Losing track of fractional cents

(aka salami slicing)

```
class Payout(models.Model):
    ...
    amt = models.DecimalField(max_digits=20, decimal_places=2)

Payout.objects.create(amt=100000/7)
# saves: 14285.71 instead of 14285.714285714
```

Do this 10 million times and suddenly you've lost track of 0.0043 * 10m = \$42,857.



I know you're tempted, don't even try it... salami slicers all get caught eventually

float vs Decimal

Floating-point math introduces error that can accumulate.

```
>>> from decimal import Decimal
>>> Decimal('0.1') + Decimal('0.2')
Decimal('0.3')
```

Much better.